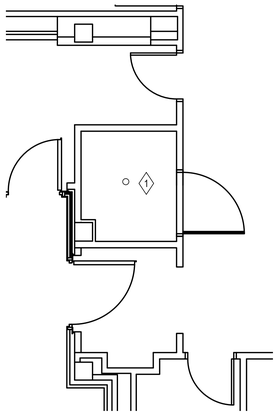
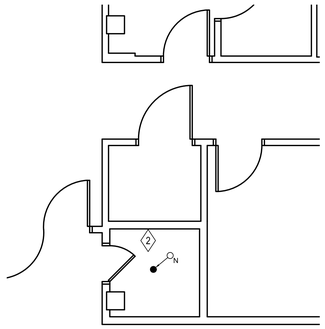


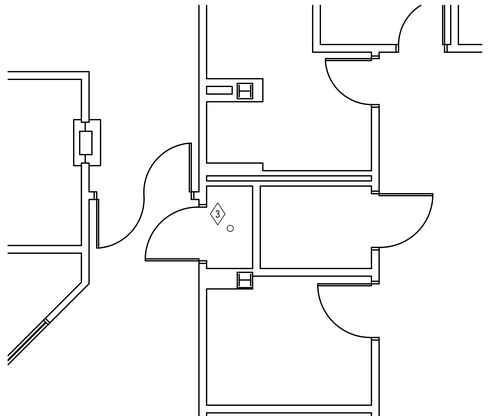
N

1 TELECOMMUNICATION ROOM 1B-65 (EXISTING TO MOVE)
1/4"=1'-0"



N

2 TELECOMMUNICATION ROOM 1B-24 (EXISTING TO MOVE)
1/4"=1'-0"



N

3 TELECOMMUNICATION ROOM 1B-98 (EXISTING TO MOVE)
1/4"=1'-0"

LEGEND

- SPRINKLER OR DRAIN RISER
- PENDENT SPRINKLER - EXISTING LOCATION
- UPRIGHT SPRINKLER - EXISTING LOCATION
- NEW PENDENT SPRINKLER - NEW LOCATION
- NEW UPRIGHT SPRINKLER - NEW LOCATION
- NEW PENDENT SPRINKLER - INSTALL AT EXISTING LOCATION
- NEW UPRIGHT SPRINKLER - INSTALL AT EXISTING LOCATION
- SIDEWALL SPRINKLER
- KEYED NOTE SYMBOL
- EXISTING SPRINKLER BRANCH LINE
- EXISTING SPRINKLER BRANCH LINE TO BE REMOVED
- NEW BRANCH LINE
- 1-HOUR FIRE BARRIER

GENERAL NOTES

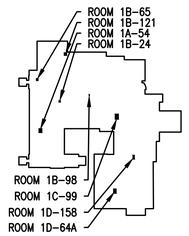
1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITECTURAL, MECHANICAL AND ELECTRICAL MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING AS PART OF THE EHRM INFRASTRUCTURE TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJECT FIRE SUPPRESSION SCOPE OF WORK SHALL CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER COVERAGE FOR EACH TELECOMMUNICATION ROOM AS NOTED.
2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION IS INDICATED FOR EACH WORK AREA.
3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR MODIFIED BRANCH LINE AND NEW SPRINKLERS.
4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS SHALL BE REPLACED. NEW SPRINKLERS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPERATURE, GLASS BULB TYPE. SPRINKLERS SHALL BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND INSTALL SPRINKLER GUARDS ON ALL TELECOMMUNICATION ROOM SPRINKLERS.
5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL BE BY A NICET LEVEL III OR IV TECHNICIAN OR A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SHALL BE PERFORMED BY A CERTIFIED SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIENCED IN THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EXPERIENCE).
8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER MODIFICATIONS SHALL BE SCHEDULE 40. ALL NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECOMMUNICATION ROOMS SHALL BE PAINTED. REFER TO SPECIFICATION 21 13 13.
9. PLAIN END FITTINGS ARE NOT PERMITTED.
10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MODIFIED SPRINKLER SYSTEM AT SYSTEM WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE PRESENCE OF THE DESIGNATED GOVERNMENT REPRESENTATIVE.
11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTING OFFICER WHEN PRELIMINARY TESTING HAS BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MADE, SO AS TO PERMIT FINAL INSPECTION AND TESTING.
12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE OF THE VA. FINAL TESTING SHALL INCLUDE, BUT IS NOT LIMITED TO, TESTING OF ALL WATERFLOW AND TAMPER SWITCHES CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS, IS REQUIRED UPON COMPLETION OF THE PROJECT. REFER TO SPECIFICATION 21 13 13.

FIRE ALARM SCOPE OF WORK

1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETECTOR FOR AREA COVERAGE IN THE TELECOMMUNICATION ROOMS INDICATED.THE EXISTING BUILDING FIRE ALARM SYSTEM IS MONITORED AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL UNIT.
2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTORS SHALL CONNECT TO THE EXISTING FIRE ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED TO THE METHOD SPECIFIED BY SPECIFICATION 28 31 00.
3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED AS SUPERVISORY DEVICES. THE ANNUNCIATED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM IDENTIFICATION NAME.
4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICATION 28 31 00. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING WHEN THE SYSTEM IS READY FOR FINAL ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTING AT LEAST 7 CALENDAR DAYS PRIOR TO TEST DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGNATED REPRESENTATIVE OF THE VA.
6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED NFPA 72 RECORD OF COMPLETION IS REQUIRED UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTEM. REFER TO SPECIFICATION 28 31 00.

KEYED NOTES

1. EXISTING ROOM SPRINKLER COVERAGE FOR 1B-65 TO REMAIN UNCHANGED. NO WORK REQUIRED FOR THIS ROOM.
   SPRINKLER ZONE - B9 1ST NORTH
2. MODIFY EXISTING ROOM SPRINKLER COVERAGE. CEILING IS TO BE REMOVED. CHANGE THE EXISTING PENDENT TO AN UPRIGHT SPRINKLER. PAINT EXISTING BRANCH LINE PIPE LOCATED IN ROOM.
   SPRINKLER ZONE - B9 1ST NORTH
3. EXISTING ROOM SPRINKLER COVERAGE FOR 1B-98 TO REMAIN UNCHANGED. NO WORK REQUIRED FOR THIS ROOM.
   SPRINKLER ZONE - B46 1ST FLOOR



N

KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

FP&C CONSULTANTS
1330 BURLINGTON STREET, STE. 200
NORTH KANSAS CITY, MO 64116
PHONE (816) 931-3277
FAX (816) 931-3278

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

JEFFREY SCOTT SCHLEGEL LICENSED 12174 03/18/2022 KANSAS PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE SUPPRESSION - BUILDING 1-9-46 - FIRST FLOOR

SHEET 100 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: JAS | Drawn: SRM

Project Number: 437-21-205

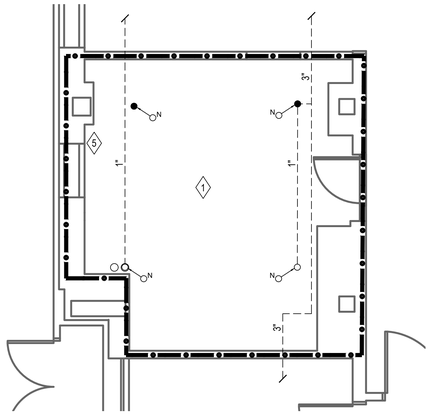
Building Number: BUILDINGS 01 09 46

Drawing Number: FX-01-412

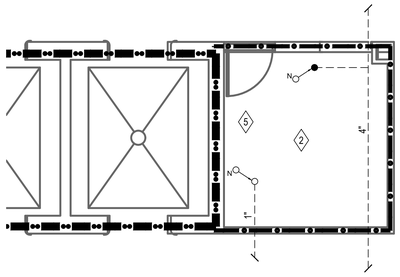
VA FORM 08 - 6231

P:\Active Projects\21054.06 Fargo EHRM Infrastructure Upgrades\BIM CAD\CURRENT\FX\FX-01-412.dwg

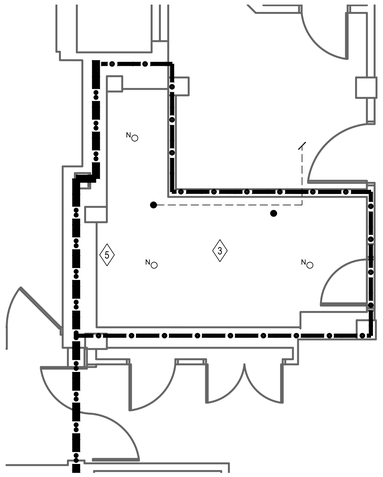
3/10/2022 9:31:01 AM



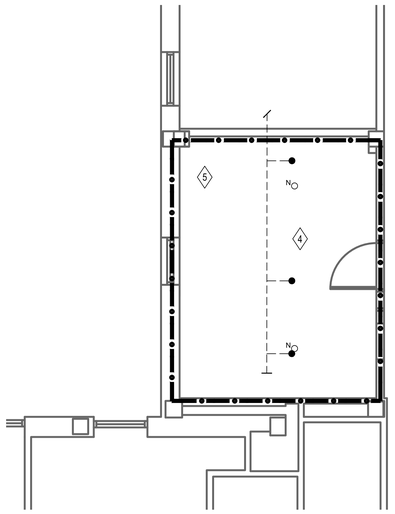
N 1 TELECOMMUNICATION ROOM 2A-24
1/4"=1'-0"



N 2 TELECOMMUNICATION ROOM 2C-33
1/4"=1'-0"



N 3 TELECOMMUNICATION ROOM 2C-90
1/4"=1'-0"



N 4 TELECOMMUNICATION ROOM 2D-18
1/4"=1'-0"

LEGEND

- SPRINKLER OR DRAIN RISER
- PENDENT SPRINKLER - EXISTING LOCATION
- UPRIGHT SPRINKLER - EXISTING LOCATION
- NEW PENDENT SPRINKLER - NEW LOCATION
- NEW UPRIGHT SPRINKLER - NEW LOCATION
- NEW PENDENT SPRINKLER - INSTALL AT EXISTING LOCATION
- NEW UPRIGHT SPRINKLER - INSTALL AT EXISTING LOCATION
- SIDEWALL SPRINKLER
- KEYED NOTE SYMBOL
- EXISTING SPRINKLER BRANCH LINE
- EXISTING SPRINKLER BRANCH LINE TO BE REMOVED
- NEW BRANCH LINE
- 1-HOUR FIRE BARRIER

GENERAL NOTES

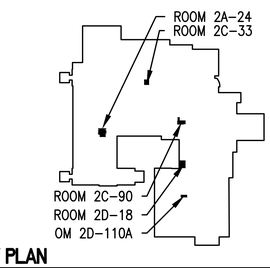
1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITECTURAL, MECHANICAL AND ELECTRICAL MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING AS PART OF THE EHRM INFRASTRUCTURE TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJECT FIRE SUPPRESSION SCOPE OF WORK SHALL CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER COVERAGE FOR EACH TELECOMMUNICATION ROOM AS NOTED.
2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION IS INDICATED FOR EACH WORK AREA.
3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR MODIFIED BRANCH LINE AND NEW SPRINKLERS.
4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS SHALL BE REPLACED. NEW SPRINKLERS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPERATURE, GLASS BULB TYPE. SPRINKLERS SHALL BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND INSTALL SPRINKLER GUARDS ON ALL TELECOMMUNICATION ROOM SPRINKLERS.
5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL BE BY A NICET LEVEL III OR IV TECHNICIAN OR A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SHALL BE PERFORMED BY A CERTIFIED SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIENCED IN THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EXPERIENCE).
8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER MODIFICATIONS SHALL BE SCHEDULE 40. ALL NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECOMMUNICATION ROOMS SHALL BE PAINTED. REFER TO SPECIFICATION 21 13 13.
9. PLAIN END FITTINGS ARE NOT PERMITTED.
10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MODIFIED SPRINKLER SYSTEM AT SYSTEM WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE PRESENCE OF THE DESIGNATED GOVERNMENT REPRESENTATIVE.
11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTING OFFICER WHEN PRELIMINARY TESTING HAS BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MADE, SO AS TO PERMIT FINAL INSPECTION AND TESTING.
12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE OF THE VA. FINAL TESTING SHALL INCLUDE, BUT IS NOT LIMITED TO, TESTING OF ALL WATERFLOW AND TAMPER SWITCHES CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS, IS REQUIRED UPON COMPLETION OF THE PROJECT. REFER TO SPECIFICATION 21 13 13.

FIRE ALARM SCOPE OF WORK

1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETECTOR FOR AREA COVERAGE IN THE TELECOMMUNICATION ROOMS INDICATED.THE EXISTING BUILDING FIRE ALARM SYSTEM IS MONITORED AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL UNIT.
2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTORS SHALL CONNECT TO THE EXISTING FIRE ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED TO THE METHOD SPECIFIED BY SPECIFICATION 28 31 00.
3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED AS SUPERVISORY DEVICES. THE ANNUNCIATED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM IDENTIFICATION NAME.
4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICATION 28 31 00. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING WHEN THE SYSTEM IS READY FOR FINAL ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTING AT LEAST 7 CALENDAR DAYS PRIOR TO TEST DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGNATED REPRESENTATIVE OF THE VA.
6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED NFPA 72 RECORD OF COMPLETION IS REQUIRED UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTEM. REFER TO SPECIFICATION 28 31 00.

KEYED NOTES

1. MODIFY EXISTING ROOM SPRINKLER COVERAGE. NEW ROOM 2A-24 COMBINES TWO EXISTING ROOMS. CHANGE THE TWO EXISTING PENDENTS TO UPRIGHT SPRINKLERS. LOCATE NEW UPRIGHT SPRINKLERS FOR COORDINATION.
   SPRINKLER ZONE - B46 2ND FLOOR
2. MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE EXISTING SPRINKLERS. CHANGE THE EXISTING PENDENT TO AN UPRIGHT SPRINKLER. LOCATE NEW UPRIGHT SPRINKLERS FOR COORDINATION.
   SPRINKLER ZONE - B46 2ND
3. MODIFY EXISTING ROOM SPRINKLER COVERAGE. EXISTING SUSPENDED CEILING TO BE REMOVED. REMOVE EXISTING PENDENT SPRINKLERS AND MODIFY EXISTING BRANCH LINE FOR COORDINATION. PROVIDE AND INSTALL THREE NEW UPRIGHT SPRINKLERS.
   SPRINKLER ZONE - B1 2ND CENTER
4. MODIFY EXISTING ROOM SPRINKLER COVERAGE. NEW ROOM 2D-18 COMBINES TWO EXISTING ROOMS. REMOVE EXISTING SPRINKLERS AND SPRINKLER DROPS. CHANGE THE THREE EXISTING PENDENTS TO TWO UPRIGHT SPRINKLERS. LOCATE NEW UPRIGHT SPRINKLERS FOR COORDINATION.
   SPRINKLER ZONE - B1 2ND CENTER
5. PROVIDE AND INSTALL ONE NEW ADDESSABLE SPOT SMOKE DETECTOR IN TR ROOM. COORDINATE LOCATION WITH THE TR CABLE TRAY LAYOUT.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

FP&C CONSULTANTS
1330 BURLINGTON STREET, STE. 200
NORTH KANSAS CITY, MO 64116
PHONE:(816)421-3377
FAX:(816)421-3378

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.932.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

JEFFREY SCOTT JAS LICENSED 12174 03/18/2022 KANSAS PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE SUPPRESSION - BUILDING 1-9-46 - SECOND FLOOR

SHEET 101 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: BUILDINGS 01 09 46

Location: FARGO VA HEALTH CARE SYSTEM

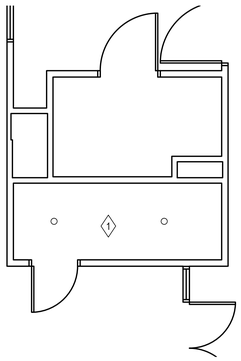
Drawing Number: FX-01-421

Issue Date: 3/18/2022 | Checked: JAS | Drawn: SRM

P:\Active Projects\21054.06 Fargo EHRM Infrastructure Upgrades\BIM CAD\CURRENT\FX\FX-01-421.dwg

3/10/2022 9:31:03 AM

VA FORM 08 - 6231

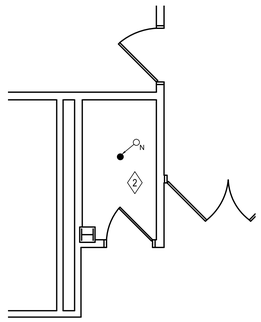


N

1 TELECOMMUNICATION ROOM 2D-110 (EXISTING TO MOVE)

1/4"=1'-0"

0 1' 2' 4' 8'



N

2 TELECOMMUNICATION ROOM 2C-37 (EXISTING TO MOVE)

1/4"=1'-0"

0 1' 2' 4' 8'

LEGEND

- SPRINKLER OR DRAIN RISER
- PENDENT SPRINKLER - EXISTING LOCATION
- UPRIGHT SPRINKLER - EXISTING LOCATION
- NEW PENDENT SPRINKLER - NEW LOCATION
- NEW UPRIGHT SPRINKLER - NEW LOCATION
- NEW PENDENT SPRINKLER - INSTALL AT EXISTING LOCATION
- NEW UPRIGHT SPRINKLER - INSTALL AT EXISTING LOCATION
- SIDEWALL SPRINKLER
- KEYED NOTE SYMBOL
- EXISTING SPRINKLER BRANCH LINE
- EXISTING SPRINKLER BRANCH LINE TO BE REMOVED
- NEW BRANCH LINE
- 1-HOUR FIRE BARRIER

GENERAL NOTES

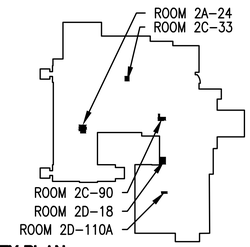
1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITECTURAL, MECHANICAL AND ELECTRICAL MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING AS PART OF THE EHRM INFRASTRUCTURE TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJECT FIRE SUPPRESSION SCOPE OF WORK SHALL CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER COVERAGE FOR EACH TELECOMMUNICATION ROOM AS NOTED.
2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION IS INDICATED FOR EACH WORK AREA.
3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR MODIFIED BRANCH LINE AND NEW SPRINKLERS.
4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS SHALL BE REPLACED. NEW SPRINKLERS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPERATURE, GLASS BULB TYPE. SPRINKLERS SHALL BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND INSTALL SPRINKLER GUARDS ON ALL TELECOMMUNICATION ROOM SPRINKLERS.
5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL BE BY A NICET LEVEL III OR IV TECHNICIAN OR A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SHALL BE PERFORMED BY A CERTIFIED SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIENCED IN THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EXPERIENCE).
8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER MODIFICATIONS SHALL BE SCHEDULE 40. ALL NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECOMMUNICATION ROOMS SHALL BE PAINTED. REFER TO SPECIFICATION 21 13 13.
9. PLAIN END FITTINGS ARE NOT PERMITTED.
10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MODIFIED SPRINKLER SYSTEM AT SYSTEM WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE PRESENCE OF THE DESIGNATED GOVERNMENT REPRESENTATIVE.
11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTING OFFICER WHEN PRELIMINARY TESTING HAS BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MADE, SO AS TO PERMIT FINAL INSPECTION AND TESTING.
12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE OF THE VA. FINAL TESTING SHALL INCLUDE, BUT IS NOT LIMITED TO. TESTING OF ALL WATERFLOW AND TAMPER SWITCHES CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS, IS REQUIRED UPON COMPLETION OF THE PROJECT. REFER TO SPECIFICATION 21 13 13.

FIRE ALARM SCOPE OF WORK

1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETECTOR FOR AREA COVERAGE IN THE TELECOMMUNICATION ROOMS INDICATED.THE EXISTING BUILDING FIRE ALARM SYSTEM IS MONITORED AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL UNIT.
2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTORS SHALL CONNECT TO THE EXISTING FIRE ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED TO THE METHOD SPECIFIED BY SPECIFICATION 28 31 00.
3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED AS SUPERVISORY DEVICES. THE ANNUNCIATED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM IDENTIFICATION NAME.
4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICATION 28 31 00. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING WHEN THE SYSTEM IS READY FOR FINAL ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTING AT LEAST 7 CALENDAR DAYS PRIOR TO TEST DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGNATED REPRESENTATIVE OF THE VA.
6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED NFPA 72 RECORD OF COMPLETION IS REQUIRED UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTEM. REFER TO SPECIFICATION 28 31 00.

KEYED NOTES

1. EXISTING ROOM SPRINKLER COVERAGE FOR 2D-110 TO REMAIN UNCHANGED. NO WORK REQUIRED FOR THIS ROOM.
   SPRINKLER ZONE - B1 2ND ZONE 1
2. MODIFY EXISTING ROOM SPRINKLER COVERAGE. CEILING IS TO BE REMOVED. REMOVE THE EXISTING SPRINKLER. CHANGE THE EXISTING PENDENT TO AN UPRIGHT SPRINKLER. PAINT EXISTING BRANCH LINE PIPE LOCATED IN ROOM.
   SPRINKLER ZONE - B46 2ND FLOOR



N

KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

FP&C CONSULTANTS
1330 BURLINGTON STREET, STE. 200
NORTH KANSAS CITY, MO 64116
PHONE:(816)-531-3377
FAX:(816)-531-3378

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

JEFFREY SCOTT SMITH LICENSED 12174 03/18/2022 KANSAS PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE SUPPRESSION - BUILDING 1-9-46 - SECOND FLOOR

SHEET 102 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: BUILDINGS 01 09 46

Location: FARGO VA HEALTH CARE SYSTEM

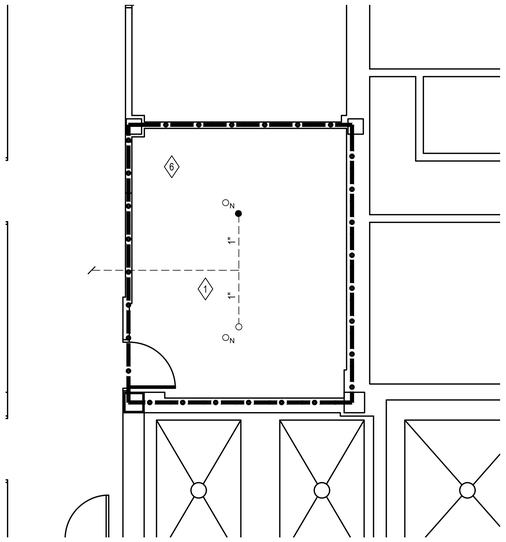
Issue Date: 3/18/2022 | Checked: JAS | Drawn: SRM

Drawing Number: FX-01-422

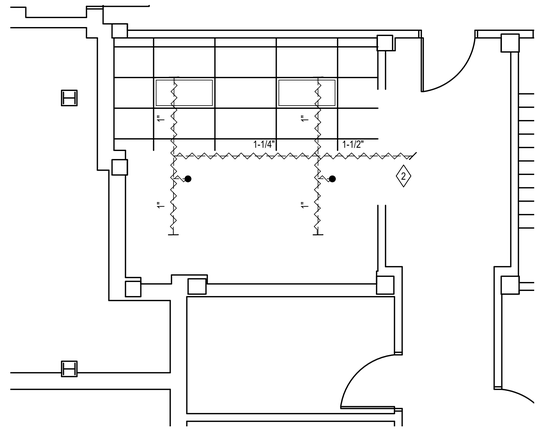
P:\Active Projects\21054.06 Fargo EHRM Infrastructure Upgrades\BIM CAD\CURRENT\FX\FX-01-422.dwg

3/10/2022 9:31:05 AM

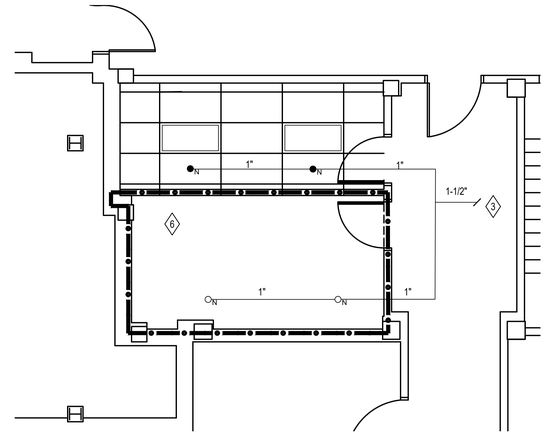
VA FORM 08 - 6231



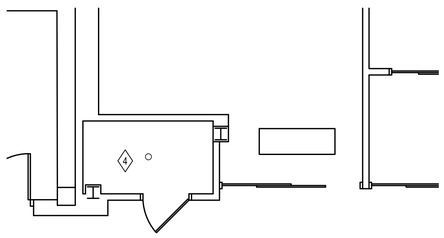
N 1 TELECOMMUNICATION ROOM 3B-23
1/4"=1'-0"



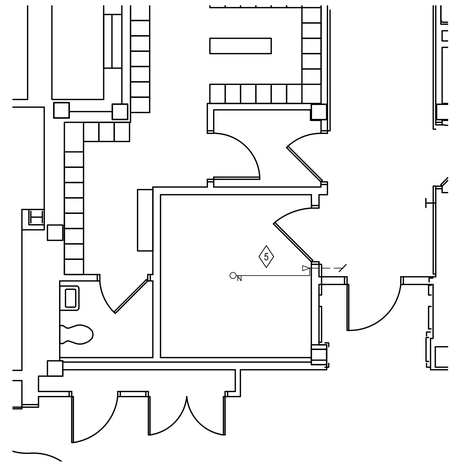
N 2 TELECOMMUNICATION ROOM 3D-10 - DEMOLITION
1/4"=1'-0"



N 3 TELECOMMUNICATION ROOM 3D-12/STORAGE ROOM 3D-10 - NEW
1/4"=1'-0"



N 4 TELECOMMUNICATION ROOM 3C-48 (EXISTING TO MOVE)
1/4"=1'-0"



N 5 TELECOMMUNICATION ROOM 3C-96 (EXISTING TO MOVE)
1/4"=1'-0"

LEGEND

- SPRINKLER OR DRAIN RISER
- PENDENT SPRINKLER - EXISTING LOCATION
- UPRIGHT SPRINKLER - EXISTING LOCATION
- NEW PENDENT SPRINKLER - NEW LOCATION
- NEW UPRIGHT SPRINKLER - NEW LOCATION
- NEW PENDENT SPRINKLER - INSTALL AT EXISTING LOCATION
- NEW UPRIGHT SPRINKLER - INSTALL AT EXISTING LOCATION
- SIDEWALL SPRINKLER
- KEYED NOTE SYMBOL
- EXISTING SPRINKLER BRANCH LINE
- EXISTING SPRINKLER BRANCH LINE TO BE REMOVED
- NEW BRANCH LINE
- 1-HOUR FIRE BARRIER

GENERAL NOTES

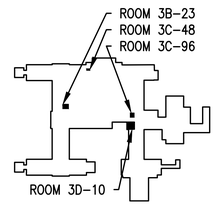
1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITECTURAL, MECHANICAL AND ELECTRICAL MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING AS PART OF THE EHRM INFRASTRUCTURE TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJECT FIRE SUPPRESSION SCOPE OF WORK SHALL CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER COVERAGE FOR EACH TELECOMMUNICATION ROOM AS NOTED.
2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION IS INDICATED FOR EACH WORK AREA.
3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR MODIFIED BRANCH LINE AND NEW SPRINKLERS.
4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS SHALL BE REPLACED. NEW SPRINKLERS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPERATURE, GLASS BULB TYPE. SPRINKLERS SHALL BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND INSTALL SPRINKLER GUARDS ON ALL TELECOMMUNICATION ROOM SPRINKLERS.
5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL BE BY A NICET LEVEL III OR IV TECHNICIAN OR A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SHALL BE PERFORMED BY A CERTIFIED SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIENCED IN THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EXPERIENCE).
8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER MODIFICATIONS SHALL BE SCHEDULE 40. ALL NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECOMMUNICATION ROOMS SHALL BE PAINTED. REFER TO SPECIFICATION 21 13 13.
9. PLAIN END FITTINGS ARE NOT PERMITTED.
10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MODIFIED SPRINKLER SYSTEM AT SYSTEM WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE PRESENCE OF THE DESIGNATED GOVERNMENT REPRESENTATIVE.
11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTING OFFICER WHEN PRELIMINARY TESTING HAS BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MADE, SO AS TO PERMIT FINAL INSPECTION AND TESTING.
12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE OF THE VA. FINAL TESTING SHALL INCLUDE, BUT IS NOT LIMITED TO, TESTING OF ALL WATERFLOW AND TAMPER SWITCHES CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS, IS REQUIRED UPON COMPLETION OF THE PROJECT. REFER TO SPECIFICATION 21 13 13.

FIRE ALARM SCOPE OF WORK

1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETECTOR FOR AREA COVERAGE IN THE TELECOMMUNICATION ROOMS INDICATED.THE EXISTING BUILDING FIRE ALARM SYSTEM IS MONITORED AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL UNIT.
2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTORS SHALL CONNECT TO THE EXISTING FIRE ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED TO THE METHOD SPECIFIED BY SPECIFICATION 28 31 00.
3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED AS SUPERVISORY DEVICES. THE ANNUNCIATED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM IDENTIFICATION NAME.
4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICATION 28 31 00. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING WHEN THE SYSTEM IS READY FOR FINAL ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTING AT LEAST 7 CALENDAR DAYS PRIOR TO TEST DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGNATED REPRESENTATIVE OF THE VA.
6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED NFPA 72 RECORD OF COMPLETION IS REQUIRED UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTEM. REFER TO SPECIFICATION 28 31 00.

KEYED NOTES

1. MODIFY EXISTING ROOM SPRINKLER COVERAGE. NEW ROOM 3B-23 COMBINES TWO EXISTING ROOMS. REMOVE EXISTING SPRINKLERS. CHANGE THE EXISTING PENDENT TO UPRIGHT SPRINKLER. MODIFY EXISTING BRANCH LINE AND LOCATE NEW UPRIGHT SPRINKLERS FOR COORDINATION.
   SPRINKLER ZONE - B9 3RD NORTH
2. MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE EXISTING SPRINKLERS AND BRANCH LINES BACK TO CROSS MAIN LOCATED IN CORRIDOR.
   SPRINKLER ZONE - B1 3RD CENTER
3. PROVIDE AND INSTALL NEW BRANCH LINES AND SPRINKLERS IN ROOMS 3D-10 AND 3D-10A. CONNECT TO EXISTING OUTLET IN CORRIDOR CROSS MAIN. PAINT NEW PIPING. COORDINATE LOCATIONS.
   SPRINKLER ZONE - B1 3RD CENTER
4. EXISTING ROOM SPRINKLER COVERAGE FOR 3C-48 TO REMAIN UNCHANGED. NO WORK REQUIRED FOR THIS ROOM.
   SPRINKLER ZONE - B46 3RD FLOOR
5. MODIFY EXISTING ROOM SPRINKLER COVERAGE. EXISTING SUSPENDED CEILING IS TO BE REMOVED. REMOVE EXISTING SIDEWALL SPRINKLER AND PROVIDE AND INSTALL NEW UPRIGHT SPRINKLER. PAINT EXPOSED PIPING.
   SPRINKLER ZONE - B1 3RD CENTER
6. PROVIDE AND INSTALL ONE NEW ADDESSABLE SPOT SMOKE DETECTOR IN TR ROOM. COORDINATE LOCATION WITH THE TR CABLE TRAY LAYOUT.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

FP&C CONSULTANTS
1330 BURLINGTON STREET, STE. 200
NORTH KANSAS CITY, MO 64116
PHONE:(816)931-3277
FAX:(816)931-3278

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

JEFFREY SCOTT SCHMIDT LICENSED 12174 03/18/2022 KANSAS PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE SUPPRESSION - BUILDING 1-9-46 - THIRD FLOOR

SHEET 103 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: BUILDINGS 01 09 46

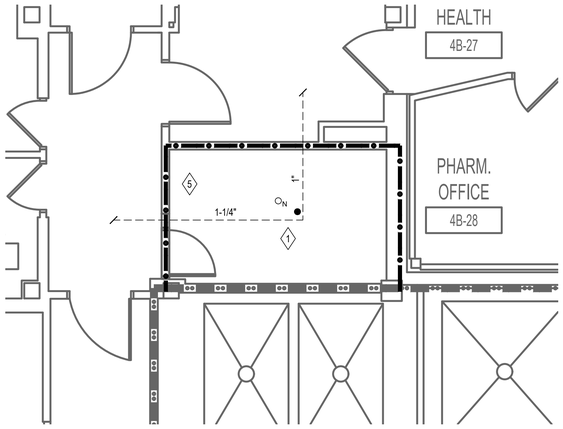
Location: FARGO VA HEALTH CARE SYSTEM

Drawing Number: FX-01-431

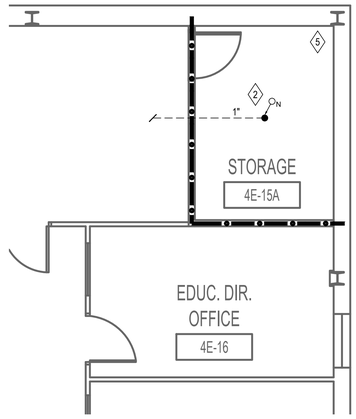
Issue Date: 3/18/2022 | Checked: JAS | Drawn: SRM

VA FORM 08 - 6231

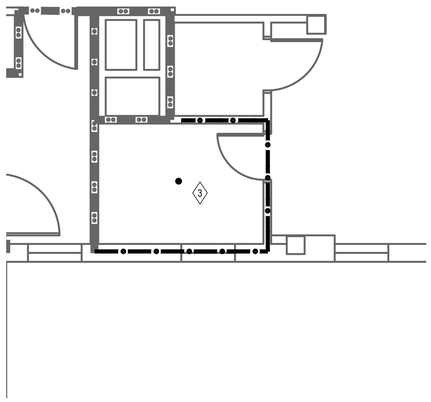
P:\Active Projects\21054.06 Fargo EHRM Infrastructure Upgrades\BIM CAD\CURRENT\FXX\FX-01-431.dwg
3/10/2022 9:31:06 AM



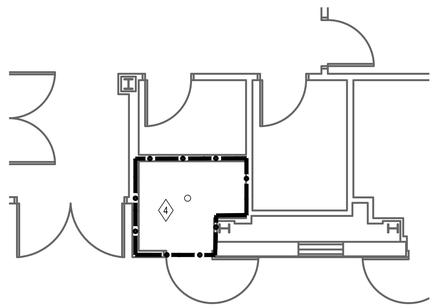
N 1 TELECOMMUNICATION ROOM 4B-23
1/4"=1'-0"



N 2 TELECOMMUNICATION ROOM 4E-15A
1/4"=1'-0"



N 3 TELECOMMUNICATION ROOM 4A-16 (EXISTING TO MOVE)
1/4"=1'-0"



N 4 TELECOMMUNICATION ROOM 4D-02 (EXISTING TO MOVE)
1/4"=1'-0"

LEGEND

- SPRINKLER OR DRAIN RISER
- PENDENT SPRINKLER - EXISTING LOCATION
- UPRIGHT SPRINKLER - EXISTING LOCATION
- NEW PENDENT SPRINKLER - NEW LOCATION
- NEW UPRIGHT SPRINKLER - NEW LOCATION
- NEW PENDENT SPRINKLER - INSTALL AT EXISTING LOCATION
- NEW UPRIGHT SPRINKLER - INSTALL AT EXISTING LOCATION
- SIDEWALL SPRINKLER
- KEYED NOTE SYMBOL
- EXISTING SPRINKLER BRANCH LINE
- EXISTING SPRINKLER BRANCH LINE TO BE REMOVED
- NEW BRANCH LINE
- 1-HOUR FIRE BARRIER

GENERAL NOTES

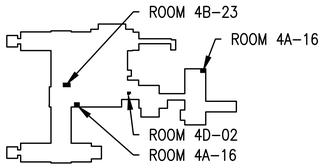
1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITECTURAL, MECHANICAL AND ELECTRICAL MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING AS PART OF THE EHRM INFRASTRUCTURE TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJECT FIRE SUPPRESSION SCOPE OF WORK SHALL CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER COVERAGE FOR EACH TELECOMMUNICATION ROOM AS NOTED.
2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION IS INDICATED FOR EACH WORK AREA.
3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR MODIFIED BRANCH LINE AND NEW SPRINKLERS.
4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS SHALL BE REPLACED. NEW SPRINKLERS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPERATURE, GLASS BULB TYPE. SPRINKLERS SHALL BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND INSTALL SPRINKLER GUARDS ON ALL TELECOMMUNICATION ROOM SPRINKLERS.
5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL BE BY A NICET LEVEL III OR IV TECHNICIAN OR A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SHALL BE PERFORMED BY A CERTIFIED SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIENCED IN THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EXPERIENCE).
8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER MODIFICATIONS SHALL BE SCHEDULE 40. ALL NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECOMMUNICATION ROOMS SHALL BE PAINTED. REFER TO SPECIFICATION 21 13 13.
9. PLAIN END FITTINGS ARE NOT PERMITTED.
10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MODIFIED SPRINKLER SYSTEM AT SYSTEM WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE PRESENCE OF THE DESIGNATED GOVERNMENT REPRESENTATIVE.
11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTING OFFICER WHEN PRELIMINARY TESTING HAS BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MADE, SO AS TO PERMIT FINAL INSPECTION AND TESTING.
12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE OF THE VA. FINAL TESTING SHALL INCLUDE, BUT IS NOT LIMITED TO, TESTING OF ALL WATERFLOW AND TAMPER SWITCHES CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS, IS REQUIRED UPON COMPLETION OF THE PROJECT. REFER TO SPECIFICATION 21 13 13.

FIRE ALARM SCOPE OF WORK

1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETECTOR FOR AREA COVERAGE IN THE TELECOMMUNICATION ROOMS INDICATED.THE EXISTING BUILDING FIRE ALARM SYSTEM IS MONITORED AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL UNIT.
2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTORS SHALL CONNECT TO THE EXISTING FIRE ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED TO THE METHOD SPECIFIED BY SPECIFICATION 28 31 00.
3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED AS SUPERVISORY DEVICES. THE ANNUNCIATED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM IDENTIFICATION NAME.
4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICATION 28 31 00. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING WHEN THE SYSTEM IS READY FOR FINAL ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTING AT LEAST 7 CALENDAR DAYS PRIOR TO TEST DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGNATED REPRESENTATIVE OF THE VA.
6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED NFPA 72 RECORD OF COMPLETION IS REQUIRED UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTEM. REFER TO SPECIFICATION 28 31 00.

KEYED NOTES

1. MODIFY EXISTING ROOM SPRINKLER COVERAGE. EXISTING SUSPENDED CEILING TO BE REMOVED. REMOVE EXISTING PENDENT SPRINKLER AND MODIFY EXISTING BRANCH LINE FOR COORDINATION. PROVIDE AND INSTALL NEW UPRIGHT SPRINKLER.
   SPRINKLER ZONE - B9 4TH EAST
2. MODIFY EXISTING ROOM SPRINKLER COVERAGE. EXISTING SUSPENDED CEILING TO BE REMOVED. REMOVE EXISTING PENDENT SPRINKLER AND MODIFY EXISTING BRANCH LINE FOR COORDINATION. PROVIDE AND INSTALL NEW UPRIGHT SPRINKLER.
   SPRINKLER ZONE - B1 4TH WEST
3. THE EXISTING SUSPENDED CEILING IS TO BE REPAIRED. ADJUST EXISTING PENDENT SPRINKLER TO BE FLUSH TO SUSPENDED CEILING IF REQUIRED.
   SPRINKLER ZONE - B9 4TH CENTER
4. EXISTING ROOM SPRINKLER COVERAGE FOR 4D-02 TO REMAIN UNCHANGED. NO WORK REQUIRED FOR THIS ROOM.
   SPRINKLER ZONE - B1 4TH EYE
5. PROVIDE AND INSTALL ONE NEW ADDESSABLE SPOT SMOKE DETECTOR IN TR ROOM. COORDINATE LOCATION WITH THE TR CABLE TRAY LAYOUT.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

FP&C CONSULTANTS
1330 BURLINGTON STREET, STE. 200
NORTH KANSAS CITY, MO 64116
PHONE (816) 931-1327
FAX (816) 931-3378

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

JEFFREY SCOTT SCHLEGEL
LICENSED
12174
03/18/2022
KANSAS
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE SUPPRESSION - BUILDING 1-9-46 - FOURTH FLOOR

SHEET 104 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: JAS | Drawn: SRM

Project Number: 437-21-205

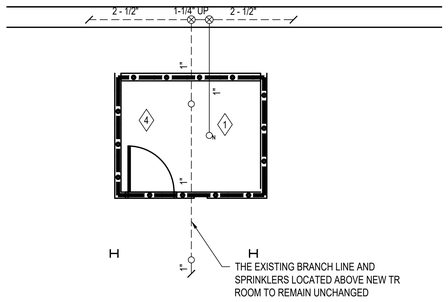
Building Number: BUILDINGS 01 09 46

Drawing Number: FX-01-441

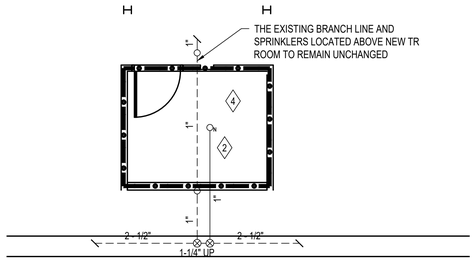
P:\Active Projects\21054.06 Fargo EHRM Infrastructure Upgrades\BIM CAD\CURRENT\FXFX-01-441.dwg

3/10/2022 9:31:08 AM

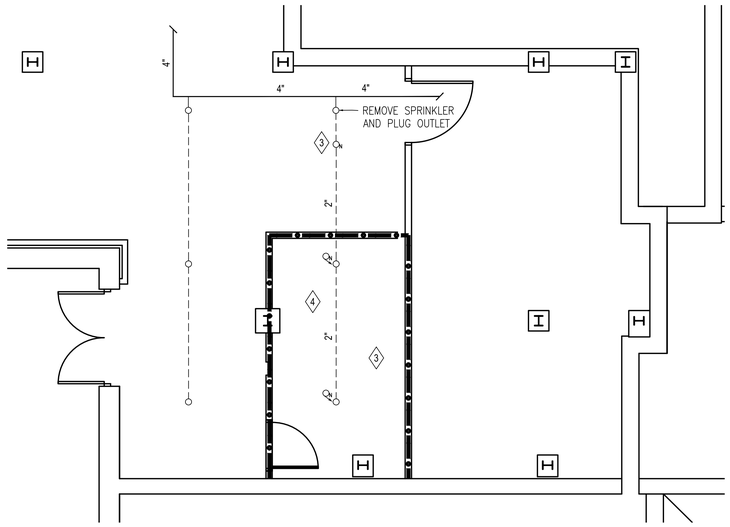
VA FORM 08 - 6231



N 1 TELECOMMUNICATION ROOM - 501
1/4"=1'-0"



N 2 TELECOMMUNICATION ROOM - 502
1/4"=1'-0"



N 3 TELECOMMUNICATION ROOM - 503
1/4"=1'-0"

LEGEND

- SPRINKLER OR DRAIN RISER
- PENDENT SPRINKLER - EXISTING LOCATION
- UPRIGHT SPRINKLER - EXISTING LOCATION
- NEW PENDENT SPRINKLER - NEW LOCATION
- NEW UPRIGHT SPRINKLER - NEW LOCATION
- NEW PENDENT SPRINKLER - INSTALL AT EXISTING LOCATION
- NEW UPRIGHT SPRINKLER - INSTALL AT EXISTING LOCATION
- SIDEWALL SPRINKLER
- KEYED NOTE SYMBOL
- EXISTING SPRINKLER BRANCH LINE
- EXISTING SPRINKLER BRANCH LINE TO BE REMOVED
- NEW BRANCH LINE
- 1-HOUR FIRE BARRIER

GENERAL NOTES

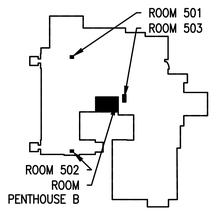
1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITECTURAL, MECHANICAL AND ELECTRICAL MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING AS PART OF THE EHRM INFRASTRUCTURE TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJECT FIRE SUPPRESSION SCOPE OF WORK SHALL CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER COVERAGE FOR EACH TELECOMMUNICATION ROOM AS NOTED.
2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION IS INDICATED FOR EACH WORK AREA.
3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR MODIFIED BRANCH LINE AND NEW SPRINKLERS.
4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS SHALL BE REPLACED. NEW SPRINKLERS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPERATURE, GLASS BULB TYPE. SPRINKLERS SHALL BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND INSTALL SPRINKLER GUARDS ON ALL TELECOMMUNICATION ROOM SPRINKLERS.
5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL BE BY A NICET LEVEL III OR IV TECHNICIAN OR A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SHALL BE PERFORMED BY A CERTIFIED SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIENCED IN THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EXPERIENCE).
8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER MODIFICATIONS SHALL BE SCHEDULE 40. ALL NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECOMMUNICATION ROOMS SHALL BE PAINTED. REFER TO SPECIFICATION 21 13 13.
9. PLAIN END FITTINGS ARE NOT PERMITTED.
10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MODIFIED SPRINKLER SYSTEM AT SYSTEM WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE PRESENCE OF THE DESIGNATED GOVERNMENT REPRESENTATIVE.
11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTING OFFICER WHEN PRELIMINARY TESTING HAS BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MADE, SO AS TO PERMIT FINAL INSPECTION AND TESTING.
12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE OF THE VA. FINAL TESTING SHALL INCLUDE, BUT IS NOT LIMITED TO, TESTING OF ALL WATERFLOW AND TAMPER SWITCHES CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS, IS REQUIRED UPON COMPLETION OF THE PROJECT. REFER TO SPECIFICATION 21 13 13.

FIRE ALARM SCOPE OF WORK

1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETECTOR FOR AREA COVERAGE IN THE TELECOMMUNICATION ROOMS INDICATED.THE EXISTING BUILDING FIRE ALARM SYSTEM IS MONITORED AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL UNIT.
2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTORS SHALL CONNECT TO THE EXISTING FIRE ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED TO THE METHOD SPECIFIED BY SPECIFICATION 28 31 00.
3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED AS SUPERVISORY DEVICES. THE ANNUNCIATED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM IDENTIFICATION NAME.
4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICATION 28 31 00. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING WHEN THE SYSTEM IS READY FOR FINAL ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTING AT LEAST 7 CALENDAR DAYS PRIOR TO TEST DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGNATED REPRESENTATIVE OF THE VA.
6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED NFPA 72 RECORD OF COMPLETION IS REQUIRED UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTEM. REFER TO SPECIFICATION 28 31 00.

KEYED NOTES

1. MODIFY EXISTING ATTIC ROOF LEVEL DRY PIPE COVERAGE FOR NEW TR ROOM 501. CONNECT NEW BRANCH LINE TO THE EXISTING 2-1/2 INCH CROSS MAIN TO SUPPLY NEW UPRIGHT SPRINKLER IN THE TR ROOM. THE APPROXIMATE CEILING HEIGHT OF THE NEW TR ROOM WILL BE 8'-7" ABOVE THE FLOOR. A MECHANICAL TEE FITTING IS PERMITTED. NEW PIPING SHALL BE SLOPED TO DRAIN TO CONNECTION AT THE EXISTING RISER. THE SPRINKLER SYSTEM MODIFICATION SHALL BE PNEUMATICALLY PRESSURE TESTED PER NFPA 13. SPRINKLER ZONE - BLDG 9 5TH FLOOR ATTIC
2. MODIFY EXISTING ATTIC ROOF LEVEL DRY PIPE COVERAGE FOR NEW TR ROOM 502. CONNECT NEW BRANCH LINE TO THE EXISTING 2-1/2 INCH CROSS MAIN TO SUPPLY NEW UPRIGHT SPRINKLER IN THE TR ROOM. THE APPROXIMATE CEILING HEIGHT OF THE NEW TR ROOM WILL BE 8'-7" ABOVE THE FLOOR. A MECHANICAL TEE FITTING IS PERMITTED. NEW PIPING SHALL BE SLOPED TO DRAIN TO CONNECTION AT THE EXISTING RISER. THE SPRINKLER SYSTEM MODIFICATION SHALL BE PNEUMATICALLY PRESSURE TESTED PER NFPA 13. SPRINKLER ZONE - BLDG 9 5TH FLOOR ATTIC
3. MODIFY THE EXISTING SPRINKLER COVERAGE ADJACENT TO THE NEW TR 503 SPACE. REMOVE THE EXISTING SPRINKLER AND PLUG THE OUTLET. INSTALL A NEW SPRINKLER AT THE APPROXIMATE LOCATION INDICATED. THE USE OF A MECHANICAL TEE SPRINKLER OUTLET IS PERMITTED. THE LOCATION OF THE EXISTING CEILING LEVEL SPRINKLER COVERAGE IN THE NEW TR ROOM 503 DOES NOT REQUIRE RELOCATION. REPLACE THE TWO EXISTING SPRINKLERS IN THE NEW TR 503 SPACE.
4. PROVIDE AND INSTALL ONE NEW ADDRESSABLE SPOT SMOKE DETECTOR IN TR ROOM. COORDINATE LOCATION WITH THE TR CABLE TRAY LAYOUT.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

FP&C CONSULTANTS
1330 BURLINGTON STREET, STE. 200
NORTH KANSAS CITY, MO 64116
PHONE:(816)931-3377
FAX:(816)931-3378

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

JEFFREY SCOTT RUSSELL
LICENSED
12174
03/18/2022
KANSAS
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE SUPPRESSION - BUILDING 1-9-46 - PENTHOUSE

SHEET 105 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: BUILDINGS 01 09 46

Location: FARGO VA HEALTH CARE SYSTEM

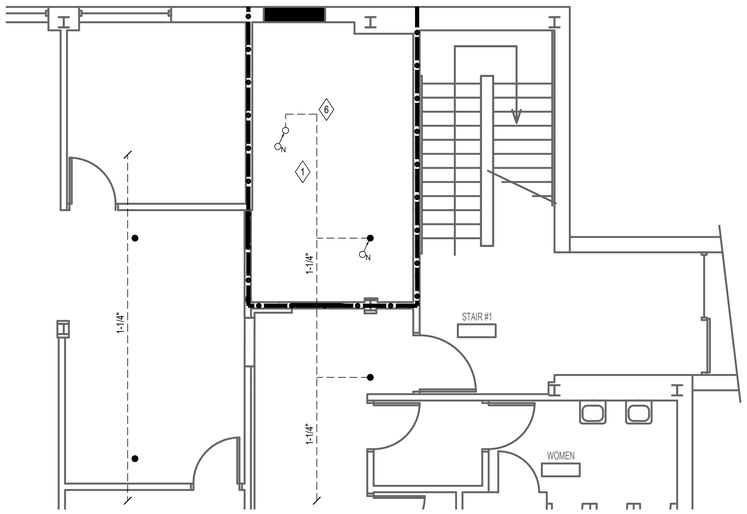
Drawing Number: FX-01-451

Issue Date: 3/18/2022 | Checked: JAS | Drawn: SRM

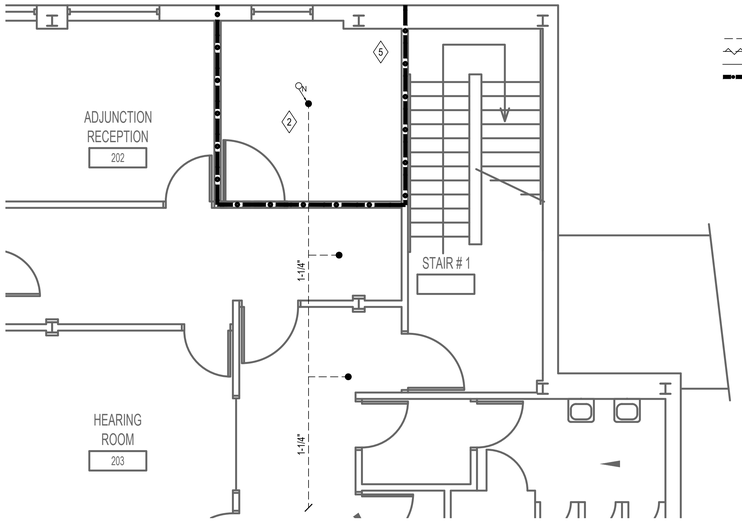
P:\Active Projects\21054.06 Fargo EHRM Infrastructure Upgrades\BIM CAD\CURRENT\FX\FX-01-451.dwg

3/10/2022 10:24:51 AM

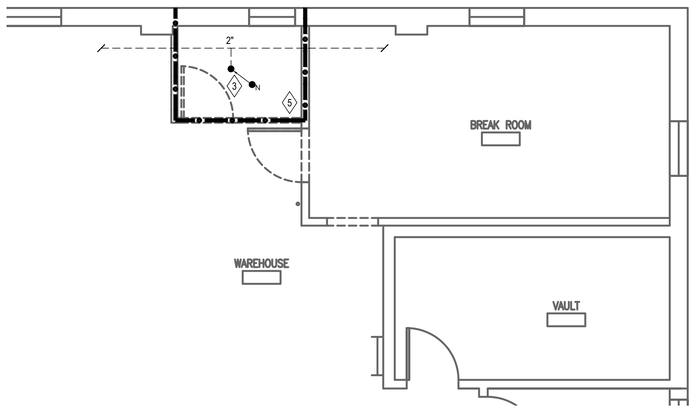
VA FORM 08 - 6231



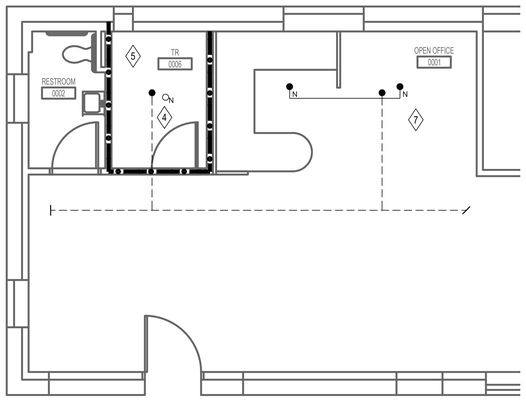
N 1 TELECOMMUNICATION ROOM 102B - BUILDING 40 FIRST FLOOR
1/4"=1'-0"



N 2 TELECOMMUNICATION ROOM 202A - BUILDING 40 SECOND FLOOR
1/4"=1'-0"



N 3 TELECOMMUNICATION ROOM BUILDING 12
1/4"=1'-0"



N 4 TELECOMMUNICATION ROOM BUILDING 3
1/4"=1'-0"

LEGEND

- SPRINKLER OR DRAIN RISER
- PENDENT SPRINKLER - EXISTING LOCATION
- UPRIGHT SPRINKLER - EXISTING LOCATION
- NEW PENDENT SPRINKLER - NEW LOCATION
- NEW UPRIGHT SPRINKLER - NEW LOCATION
- NEW PENDENT SPRINKLER - INSTALL AT EXISTING LOCATION
- NEW UPRIGHT SPRINKLER - INSTALL AT EXISTING LOCATION
- SIDEWALL SPRINKLER
- KEYED NOTE SYMBOL
- EXISTING SPRINKLER BRANCH LINE
- EXISTING SPRINKLER BRANCH LINE TO BE REMOVED
- NEW BRANCH LINE
- 1-HOUR FIRE BARRIER

GENERAL NOTES

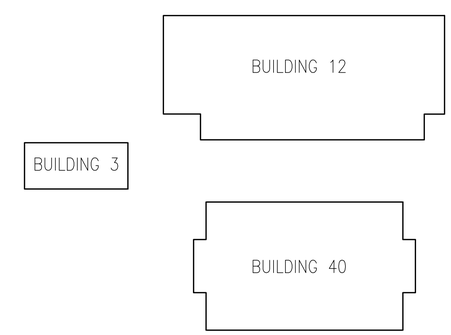
1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITECTURAL, MECHANICAL AND ELECTRICAL MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING AS PART OF THE EHRM INFRASTRUCTURE TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJECT FIRE SUPPRESSION SCOPE OF WORK SHALL CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER COVERAGE FOR EACH TELECOMMUNICATION ROOM AS NOTED.
2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION IS INDICATED FOR EACH WORK AREA.
3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR MODIFIED BRANCH LINE AND NEW SPRINKLERS.
4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS SHALL BE REPLACED. NEW SPRINKLERS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPERATURE, GLASS BULB TYPE. SPRINKLERS SHALL BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND INSTALL SPRINKLER GUARDS ON ALL TELECOMMUNICATION ROOM SPRINKLERS.
5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL BE BY A NICET LEVEL III OR IV TECHNICIAN OR A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SHALL BE PERFORMED BY A CERTIFIED SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIENCED IN THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EXPERIENCE).
8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER MODIFICATIONS SHALL BE SCHEDULE 40. ALL NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECOMMUNICATION ROOMS SHALL BE PAINTED. REFER TO SPECIFICATION 21 13 13.
9. PLAIN END FITTINGS ARE NOT PERMITTED.
10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MODIFIED SPRINKLER SYSTEM AT SYSTEM WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE PRESENCE OF THE DESIGNATED GOVERNMENT REPRESENTATIVE.
11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTING OFFICER WHEN PRELIMINARY TESTING HAS BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MADE, SO AS TO PERMIT FINAL INSPECTION AND TESTING.
12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE OF THE VA. FINAL TESTING SHALL INCLUDE, BUT IS NOT LIMITED TO, TESTING OF ALL WATERFLOW AND TAMPER SWITCHES CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS, IS REQUIRED UPON COMPLETION OF THE PROJECT. REFER TO SPECIFICATION 21 13 13.

FIRE ALARM SCOPE OF WORK

1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETECTOR FOR AREA COVERAGE IN THE TELECOMMUNICATION ROOMS INDICATED THE EXISTING BUILDING FIRE ALARM SYSTEM IS MONITORED AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL UNIT.
2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTORS SHALL CONNECT TO THE EXISTING FIRE ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED TO THE METHOD SPECIFIED BY SPECIFICATION 28 31 00.
3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED AS SUPERVISORY DEVICES. THE ANNUNCIATED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM IDENTIFICATION NAME.
4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICATION 28 31 00. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING WHEN THE SYSTEM IS READY FOR FINAL ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTING AT LEAST 7 CALENDAR DAYS PRIOR TO TEST DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGNATED REPRESENTATIVE OF THE VA.
6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED NFPA 72 RECORD OF COMPLETION IS REQUIRED UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTEM. REFER TO SPECIFICATION 28 31 00.

KEYED NOTES

1. MODIFY EXISTING ROOM SPRINKLER COVERAGE. EXISTING ROOM AREA IS ENLARGED. REMOVE EXISTING PENDENT DROP AND SPRINKLER. REMOVE EXISTING UPRIGHT SPRINKLER. PROVIDE AND INSTALL NEW UPRIGHT SPRINKLERS. LOCATE SPRINKLER FOR COORDINATION.
2. MODIFY EXISTING ROOM SPRINKLER COVERAGE. EXISTING CEILING IS TO BE REMOVED. REMOVE EXISTING PENDENT DROP AND SPRINKLER. PROVIDE AND INSTALL NEW UPRIGHT SPRINKLER. LOCATE SPRINKLER FOR COORDINATION.
3. MODIFY EXISTING ROOM SPRINKLER COVERAGE. EXISTING CEILING WILL BE REMOVED AND REPLACED. REMOVE EXISTING PENDENT SPRINKLER AND MODIFY SPRINKLER DROP. PROVIDE AND INSTALL NEW PENDENT SPRINKLER WITH GUARD IN NEW CEILING. COORDINATE WITH
4. MODIFY EXISTING ROOM SPRINKLER COVERAGE. REMOVE THE EXISTING PENDENT SPRINKLER IN THE NEW TR ROOM SPACE. INSTALL A NEW UPRIGHT SPRINKLER. LOCATE FOR COORDINATION.
5. PROVIDE AND INSTALL ONE ADDRESSABLE SPOT SMOKE DETECTOR IN TR ROOM. COORDINATE LOCATION WITH THE TR CABLE TRAY LAYOUT.
6. EXISTING ROOM CEILING MOUNTED SMOKE DETECTOR SHALL REMAIN.
7. MODIFY EXISTING BRANCH LINE. REMOVE EXISTING PENDENT SPRINKLER AND PIPE DROP. ADD TEE AND NEW ARM-OVER PIPING CONNECTING TO TWO CEILNG PENDENT SPRINKLERS AS INDICATED.



N KEY PLANS

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

FP&C CONSULTANTS
1330 BURLINGTON STREET, STE. 200
NORTH KANSAS CITY, MO 64116
PHONE:(816)931-3377
FAX:(816)931-3378

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

JEFFREY SCOTT
LICENSED
12174
03/18/2022
KANSAS
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE SUPPRESSION - BUILDINGS 40 & 12 & 3

Phase: ISSUE FOR BID

SHEET 106 OF 279

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 40, 12, 3

Location: FARGO VA HEALTH CARE SYSTEM

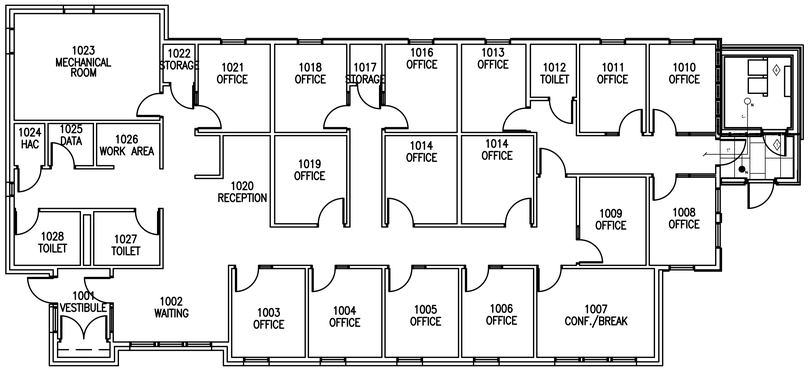
Drawing Number: FX-40-401

Issue Date: 3/18/2022 | Checked: SRM | Drawn: JAS

3/10/2022 9:31:11 AM

P:\Active Projects\21054.06 Fargo EHRM Infrastructure Upgrades\BIM CAD\CURRENT\FX\FX-40-401.dwg

VA FORM 08 - 6231



N

1 TELECOMMUNICATION ROOM BUILDING 51 - FIRST FLOOR PLAN

1/8"=1'-0"

0 2' 4' 8' 16'

LEGEND

- SPRINKLER OR DRAIN RISER
- PENDENT SPRINKLER - EXISTING LOCATION
- UPRIGHT SPRINKLER - EXISTING LOCATION
- NEW PENDENT SPRINKLER - NEW LOCATION
- NEW UPRIGHT SPRINKLER - NEW LOCATION
- NEW PENDENT SPRINKLER - INSTALL AT EXISTING LOCATION
- NEW UPRIGHT SPRINKLER - INSTALL AT EXISTING LOCATION
- SIDEWALL SPRINKLER
- KEYED NOTE SYMBOL
- EXISTING SPRINKLER BRANCH LINE
- EXISTING SPRINKLER BRANCH LINE TO BE REMOVED
- NEW BRANCH LINE
- 1-HOUR FIRE BARRIER

GENERAL NOTES

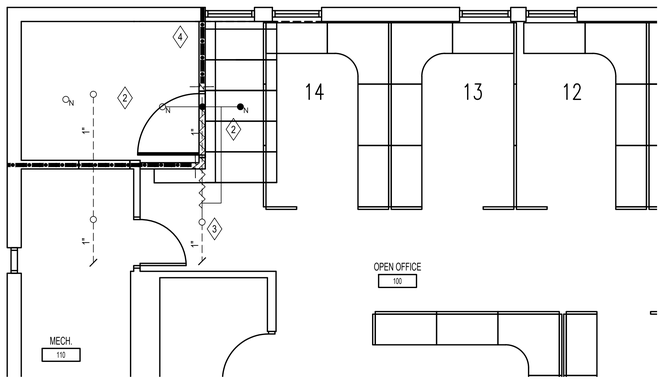
1. THE CONSTRUCTION SCOPE OF WORK INCLUDES ARCHITECTURAL, MECHANICAL AND ELECTRICAL MODIFICATIONS TO THE SPACES SHOWN ON THIS DRAWING AS PART OF THE EHRM INFRASTRUCTURE TELECOMMUNICATION ROOM IMPROVEMENTS. THE PROJECT FIRE SUPPRESSION SCOPE OF WORK SHALL CONSIST OF MODIFYING EXISTING WET PIPE SPRINKLER COVERAGE FOR EACH TELECOMMUNICATION ROOM AS NOTED.
2. THE APPROXIMATE LOCATIONS OF EXISTING SPRINKLER PIPING AND SPRINKLERS IN ROOMS ARE SHOWN. THE ASSOCIATED SPRINKLER SYSTEM ZONE IDENTIFICATION IS INDICATED FOR EACH WORK AREA.
3. EXISTING SPRINKLERS AND BRANCH LINES SHALL BE MODIFIED WHERE INDICATED TO BE COORDINATED WITH NEW CABLE TRAYS TO BE INSTALLED IN TELECOMMUNICATION ROOMS. REFER TO THE T SERIES DRAWINGS FOR CABLE TRAY LOCATIONS. THE RECOMMENDED LOCATION OF NEW UPRIGHT SPRINKLERS IS INDICATED FOR EACH ROOM. THE CONTRACTOR SHALL DETERMINE THE FINAL LOCATIONS FOR MODIFIED BRANCH LINE AND NEW SPRINKLERS.
4. ALL EXISTING SPRINKLERS IN TELECOMMUNICATION ROOMS SHALL BE REPLACED. NEW SPRINKLERS INSTALLED SHALL BE QUICK RESPONSE, ORDINARY TEMPERATURE, GLASS BULB TYPE. SPRINKLERS SHALL BE LOCATED FOR LIGHT HAZARD COVERAGE. PROVIDE AND INSTALL SPRINKLER GUARDS ON ALL TELECOMMUNICATION ROOM SPRINKLERS.
5. EXISTING ROOMS WITH SUSPENDED CEILINGS AND PENDENT SPRINKLERS SHALL REMAIN PROTECTED WHEN SUSPENDED CEILINGS ARE REMOVED. PENDENT SPRINKLERS SHALL BE CHANGED TO UPRIGHT SPRINKLERS PRIOR TO WHEN CEILING TILES ARE REMOVED.
6. ALL MODIFICATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 13, INSTALLATION OF SPRINKLER SYSTEMS, AND SPECIFICATION 21 13 13. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
7. THE PREPARATION OF SPRINKLER SHOP DRAWINGS SHALL BE BY A NICET LEVEL III OR IV TECHNICIAN OR A REGISTERED FIRE PROTECTION ENGINEER. INSTALLATION SHALL BE PERFORMED BY A CERTIFIED SPRINKLER CONTRACTOR OR A SPECIALIST WHO IS EXPERIENCED IN THE DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS (MINIMUM 3 YEARS OF EXPERIENCE).
8. PIPE USED FOR SPRINKLER BRANCH LINE AND ARM-OVER MODIFICATIONS SHALL BE SCHEDULE 40. ALL NEW AND EXISTING SPRINKLER PIPING LOCATED IN TELECOMMUNICATION ROOMS SHALL BE PAINTED. REFER TO SPECIFICATION 21 13 13.
9. PLAIN END FITTINGS ARE NOT PERMITTED.
10. PRELIMINARY TESTING: HYDROSTATICALLY TEST EACH MODIFIED SPRINKLER SYSTEM AT SYSTEM WORKING PRESSURE, AS REQUIRED BY NFPA 13, 29.7 AND SPECIFICATION 21 13 13 IN THE PRESENCE OF THE DESIGNATED GOVERNMENT REPRESENTATIVE.
11. FINAL INSPECTION AND TESTING: ADVISE THE CONTRACTING OFFICER WHEN PRELIMINARY TESTING HAS BEEN COMPLETED AND ALL NECESSARY CORRECTIONS MADE, SO AS TO PERMIT FINAL INSPECTION AND TESTING.
12. THE FINAL TEST SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE OF THE VA. FINAL TESTING SHALL INCLUDE, BUT IS NOT LIMITED TO, TESTING OF ALL WATERFLOW AND TAMPER SWITCHES CONNECTED TO MODIFIED SPRINKLER SYSTEMS.
13. RECORD DOCUMENTATION, INCLUDING AS-BUILT DRAWINGS, IS REQUIRED UPON COMPLETION OF THE PROJECT. REFER TO SPECIFICATION 21 13 13.

FIRE ALARM SCOPE OF WORK

1. PROVIDE AND INSTALL A NEW ADDRESSABLE SMOKE DETECTOR FOR AREA COVERAGE IN THE TELECOMMUNICATION ROOMS INDICATED. THE EXISTING BUILDING FIRE ALARM SYSTEM IS MONITORED AND CONTROLLED BY A SIMPLEX ADDRESSABLE CONTROL UNIT.
2. WHERE INSTALLED, NEW ADDRESSABLE SMOKE DETECTORS SHALL CONNECT TO THE EXISTING FIRE ALARM SIGNALING LINE CIRCUIT. FIELD SPLICES TO SIGNALING LINE CIRCUITS IS LIMITED TO THE METHOD SPECIFIED BY SPECIFICATION 28 31 00.
3. NEW SMOKE DETECTOR ZONES SHALL BE PROGRAMMED AS SUPERVISORY DEVICES. THE ANNUNCIATED TEXT MESSAGE FOR EACH NEW DEVICE SHALL IDENTIFY THE BUILDING, FLOOR AND ROOM IDENTIFICATION NAME.
4. ALL MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 72, NATIONAL FIRE ALARM CODE, AND SPECIFICATION 28 31 00. THE CONTRACTOR SHALL COORDINATE ALL WORK AND IMPAIRMENTS TO THE FIRE ALARM SYSTEM WITH THE VA FACILITY MANAGER.
5. TESTING: NOTIFY THE CONTRACTING OFFICER IN WRITING WHEN THE SYSTEM IS READY FOR FINAL ACCEPTANCE TESTING. SUBMIT THE REQUEST FOR TESTING AT LEAST 7 CALENDAR DAYS PRIOR TO TEST DATE. THE FINAL TESTS SHALL BE WITNESSED BY A DESIGNATED REPRESENTATIVE OF THE VA.
6. RECORD DOCUMENTATION CONSISTING OF A COMPLETED NFPA 72 RECORD OF COMPLETION IS REQUIRED UPON COMPLETION OF EACH MODIFIED FIRE ALARM SYSTEM. REFER TO SPECIFICATION 28 31 00.

KEYED NOTES

1. MODIFY EXISTING BUILDING 51 SPRINKLER COVERAGE. PROVIDE AND INSTALL NEW BRANCH LINE AND SPRINKLERS INDICATED. CONNECT NEW BRANCH LINE TO NEAREST SPRINKLER CROSS MAIN. COORDINATE WITH THE TELECOMMUNICATION ROOM CABLE TRAY LAYOUT.
2. MODIFY EXISTING SPRINKLER COVERAGE. RELOCATE AND REPLACE EXISTING UPRIGHT SPRINKLER. PROVIDE AND INSTALL ONE NEW UPRIGHT SPRINKLER SUPPLIED FROM MODIFIED BRANCH LINE. PROVIDE AND INSTALL ONE NEW PENDENT SPRINKLER IN ADJACENT OPEN OFFICE.
3. REMOVE OR MODIFY EXISTING BRANCH LINE FOR COORDINATION WITH NEW WALL AND SUPPLY TO NEW SPRINKLERS. REMOVE EXISTING PENDENT SPRINKLER LOCATED IN LINE WITH THE NEW WALL.
4. PROVIDE AND INSTALL ONE ADDRESSABLE SPOT SMOKE DETECTOR IN TR ROOM. COORDINATE LOCATION WITH THE TR CABLE TRAY LAYOUT.

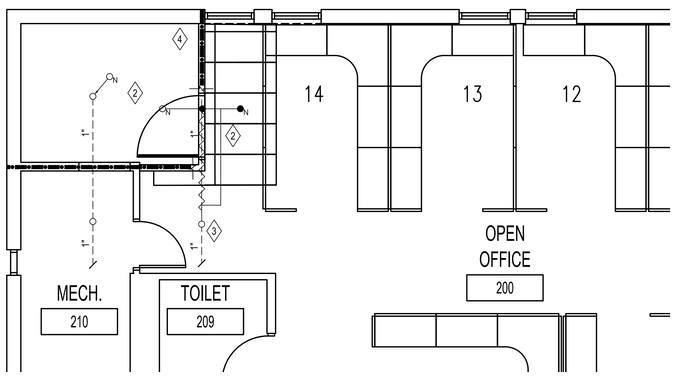


N

2 TELECOMMUNICATION ROOM 111 BUILDING 52 - FIRST FLOOR PLAN

1/4"=1'-0"

0 1' 2' 4' 8'

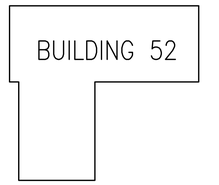


N

3 TELECOMMUNICATION ROOM 211 BUILDING 52 - SECOND FLOOR PLAN

1/4"=1'-0"

0 1' 2' 4' 8'



N

KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

FP&C CONSULTANTS
1330 BURLINGTON STREET, STE. 200
NORTH KANSAS CITY, MO 64116
PHONE:(816)931-3377
FAX:(816)931-3378

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

JEFFREY SCOTT LICENSED 12174 03/18/2022 KANSAS PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE SUPPRESSION - BUILDINGS 51 & 52

SHEET 107 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 51, 52

Location: FARGO VA HEALTH CARE SYSTEM

Drawing Number: FX-51-401

Issue Date: 3/18/2022 | Checked: JAS | Drawn: LBR

VA FORM 08 - 6231

P:\Active Projects\21054.06 Fargo EHRM Infrastructure Upgrades\BIM CAD\CURRENT\FX\FX-51-401.dwg

3/10/2022 10:08:22 AM

MECHANICAL GENERAL NOTES:

1. THIS CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS: INCLUDING BUT NOT NECESSARILY LIMITED TO ALL ARCHITECTURAL, ALL STRUCTURAL, ALL MECHANICAL, ALL ELECTRICAL DRAWINGS AND ENTIRE PROJECT MANUAL. THIS CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF HIS WORK. THIS CONTRACTOR SHALL FULLY COORDINATE HIS WORK WITH THE INSTALLATION OF WORK BY OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE SCOPE OF WORK AT NO ADDITIONAL CHARGE TO THE VA.

2. THIS CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND FULLY INFORM THEMSELVES AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THIS CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS, OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE VA/CO AT ONCE, IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND WORK, OR BETWEEN THEIR WORK AND THE WORK OF THEIR TRADES AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSTRUED AS TO INDICATE NO DISCREPANCIES OR CONFLICTING CONDITIONS EXIST. ADDITIONAL COMPENSATION WILL NOT BE GRANTED AFTER AWARD OF CONTRACT FOR ANY WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS.

3. DRAWINGS ARE GENERALLY DIAGRAMMATIC. ROUTING OF PIPING, CONDUITS, RACEWAYS, ETC., AS SHOWN ON DRAWINGS, DOES NOT INTEND TO SHOW EVERY RISE, DROP, OFFSET, FITTING NOR EVERY STRUCTURAL ELEMENT THAT MAY BE ENCOUNTERED DURING THE INSTALLATION OF THIS WORK. EACH CONTRACTOR SHALL MAKE ANY REQUIRED CHANGES FROM THE GENERAL ROUTING SHOWN ON THESE DRAWINGS, SUCH AS OFFSETS, BENDS OR CHANGES IN ELEVATION DUE TO COORDINATION WITH THE WORK OF OTHER TRADES AND BUILDING CONSTRUCTION. ALL CHANGES SHALL BE MADE WITHOUT ADDITIONAL COST TO THE VA OR DELAY IN COMPLETION DATE OF THE PROJECT.

4. IT IS THE INTENT OF THESE DOCUMENTS THAT THE MECHANICAL CONTRACTOR PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS FOR THE COMPLETE INSTALLATION OF ALL WORK SHOWN ON THE PLANS AND/OR DESCRIBED HEREIN, INCLUDING ALL DEVICES, CONTROLS AND APPURTENANCES REQUIRED TO SET SYSTEMS INTO OPERATION.

5. SHOULD CONDITIONS NECESSITATE ANY REARRANGEMENTS, OR IF PIPING CAN BE RUN TO BETTER ADVANTAGE, PREPARE AND SUBMIT SHOP DRAWINGS SHOWING THE CHANGES BEFORE PROCEEDING WITH THE WORK. IF SUCH CHANGES ARE APPROVED BY THE VA/CO, THEY SHALL BECOME A PART OF THE CONTRACT AFTER THEIR APPROVAL.

6. THIS CONTRACTOR SHALL VERIFY ALL MOUNTING, ALL ARRANGEMENTS, HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN. ANY MENTION OF A SPECIFIC MOUNTING ARRANGEMENT, WEIGHT OR LOCATION SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO VERIFY THE SPECIFIC REQUIREMENT FURNISHED OR THE OTHER TRADES WORKING IN THE SAME AREA. NO ADDITIONS TO THE CONTRACT SUM WILL BE PERMITTED FOR ITEMS INSTALLED IMPROPERLY, IN WRONG LOCATIONS, IN CONFLICT WITH OTHER WORK, ETC.

7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT FEDERAL BUILDING CODES, REGULATIONS, AND REQUIREMENTS, LOCAL UTILITY COMPANY REQUIREMENTS, AND ASHRAE STANDARDS.

8. THIS CONTRACTOR SHALL PAY ALL PERMIT FEES, PLAN REVIEW FEES, LICENSE FEES, INSPECTIONS, AND TAXES APPLICABLE TO THEIR DIVISION AND SHALL BE INCLUDED IN THE BASE BID AS PART OF THEIR CONTRACT.

9. THIS CONTRACTOR SHALL BE LICENSED, BONDED, INSURED AND CAPABLE OF PERFORMING QUALITY WORKMANSHIP. THIS CONTRACTOR GUARANTEES ALL OF HIS WORK AND MATERIALS FOR THE PERIOD AS REQUIRED IN THE SPECIFICATIONS. FROM FINAL ACCEPTANCE BY THE VA/COR.

10. THIS CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF WORK, COMPLYING WITH ALL APPLICABLE PROVISIONS OF CITY, STATE, AND FEDERAL SAFETY LAWS (OSHA) AND AS RECOMMENDED IN THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" AS ISSUED BY THE ASSOCIATION OF GENERAL CONTRACTORS OF AMERICA, IN., 20TH AND E. STREETS, N.W. WASHINGTON, D.C.

11. CONTRACTOR SHALL CHECK DRAWINGS OF OTHER TRADES TO VERIFY THAT SPACES IN WHICH THEIR WORK WILL BE INSTALLED ARE CLEAR OF OBSTRUCTIONS. WORK SHALL BE INSTALLED TO MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS IN THE BUILDING. WHERE HEADROOM OR SPACE CONDITIONS APPEAR INADEQUATE, CONTRACTOR SHALL NOTIFY VA/COR BEFORE PROCEEDING WITH THE INSTALLATION OF THEIR WORK.

12. THE SEQUENCE FOR THE INSTALLATION OF ALL WORK SHALL BE COORDINATED BETWEEN ALL CONTRACTORS ON THE PROJECT AND IN STRICT ACCORDANCE WITH VA STIPULATIONS AS DIRECTED BY SAME.

13. CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL CORING, CUTTING, PATCHING, REPAIRING, REFINISHING AND REMOVAL/REPLACEMENT OF NEW OR EXISTING BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. CONTRACTOR SHALL XRAY ALL SLABS PRIOR TO CORING. ALL PATCHING, REPAIRING AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION AS CLOSELY AS POSSIBLE. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE ANY EXISTING BUILDING CONSTRUCTION OR ITEMS THAT ARE TO REMAIN. ANY EXISTING FINISHES THAT ARE DAMAGED DURING THE INSTALLATION OF NEW WORK OR REMOVAL OF EXISTING WORK SHALL BE REPAIRED, REPLACED AND PAID FOR BY THE INSTALLING CONTRACTOR, TO THE SATISFACTION OF THE VA/COR. REFER TO ARCHITECTURAL DRAWINGS FOR EXISTING BUILDING CONSTRUCTION THAT IS TO REMAIN AND, THEREFORE, SUBJECT TO PATCHING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT. WHERE THERE IS EVIDENCE THAT WORK OF ONE TRADE WILL INTERFERE WITH WORK OF OTHER TRADES, ALL TRADES SHALL MEET ON JOB SITE TO WORK OUT SPACE CONDITIONS AND MAKE SATISFACTORY ADJUSTMENTS TO INSTALLATION OF THE NEW WORK. CONTRACTORS SHALL VERIFY EXACT LOCATIONS OF ALL DEVICES AND EQUIPMENT WITH FIELD CONDITIONS, SHOP DRAWINGS, AND WORK OF OTHER TRADES PRIOR TO ROUGH-IN. EACH CONTRACTOR SHALL BE RESPONSIBLE, AT THEIR OWN EXPENSE, FOR THE REMOVAL AND REINSTALLATION OF ANY PART OF THEIR WORK IF SAME WAS INSTALLED WITHOUT CONSULTING WITH OTHER TRADES BEFORE INSTALLING THEIR WORK.

14. CONTRACTOR SHALL STORE ALL MATERIALS AND EQUIPMENT SHIPPED TO THE SITE IN A PROTECTED AREA. IF MATERIAL IS STORED OUTSIDE OF THE BUILDING, IT MUST BE STORED OFF THE GROUND A MINIMUM OF SIX INCHES (6") SET ON 6 X 6 PLANKS AND/OR WOOD PALLETS. ALL MATERIAL AND EQUIPMENT MUST BE COMPLETELY COVERED WITH WATERPROOF TARPS OR VISQUIN. ALL PIPING AND DUCTWORK WILL HAVE THE ENDS CLOSED TO KEEP OUT DIRT AND OTHER DEBRIS. NO EQUIPMENT WILL BE ALLOWED TO BE STORED OUTSIDE THE BUILDING ON THE SITE UNLESS IT IS SUPPORTED OFF THE GROUND AND COMPLETELY PROTECTED WITH WEATHERPROOF COVERS.

15. THIS CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED IN THE SPECIFICATIONS PRIOR TO THE START OF INSTALLATION FOR VA/COR APPROVAL AND THE SUCCESSFUL REVIEW BY THE ARCHITECT/ENGINEER.

16. THIS CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS TO THE A/E BEFORE FINAL PAYMENT WILL BE ISSUED. THE AS-BUILT DRAWINGS SHALL BE SUBMITTED IN ELECTRONIC REPRODUCIBLE FORM.

17. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE STARTUP AND TESTING OF ALL EQUIPMENT.

18. THIS CONTRACTOR SHALL PROVIDE A COMPETENT OPERATING TECHNICIAN TO INSTRUCT THE VA IN THE OPERATION AND MAINTENANCE OF THE EQUIPMENT.

19. UPON COMPLETION OF THE WORK, THIS CONTRACTOR SHALL REVIEW AND CHECK THE ENTIRE PORTION OF WORK, CLEAN EQUIPMENT AND DEVICES. REMOVE SURPLUS MATERIALS AND RUBBISH FROM THE PROPERTY AND LEAVE THE WORK IN NEAT AND CLEAN ORDER AND IN COMPLETE WORKING CONDITION. EACH RESPECTIVE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY CARTONS, DEBRIS, EQUIPMENT, ETC., INSTALLED BY THIS CONTRACTOR INCLUDING EQUIPMENT FURNISHED BY OTHERS AND UNPACKED OR REMOVED FROM CARTONS BY THIS CONTRACTOR.

20. ALL ITEMS THAT REQUIRE ACCESS, SUCH AS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE BY PERSONS STANDING AT FLOOR LEVEL, OR STANDING ON PERMANENT PLATFORMS, WITHOUT THE USE OF PORTABLE LADDERS. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS AND STRAINERS, TRANSMITTERS, CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS TO THE VA/COR FOR RESOLUTION. FAILURE OF THE CONTRACTOR TO RESOLVE, OR POINT OUT ANY ISSUES WILL RESULT IN THE CONTRACTOR CORRECTING AT NO ADDITIONAL COST TO THE VA.

21. UNLESS INDICATED OTHERWISE, THE ARCHITECT/ENGINEER MAKES NO REPRESENTATION AS TO WHETHER OR NOT ANY HAZARDOUS OR CONTAMINATED MATERIALS (INCLUDING BUT NOT LIMITED TO ASBESTOS, PCB'S, LEAD, CONTAMINATED SOILS, ETC.) ARE PRESENT WITHIN THE EXISTING BUILDING OR ON THE SITE. WORK SHOWN ON THE DRAWINGS AND/OR INDICATED IN THE SPECIFICATIONS SHALL NOT BE CONSTRUED TO CALL FOR CONTACT WITH ANY OF THESE MATERIALS. IF THESE MATERIALS ARE ENCOUNTERED OR SUSPECTED, THE CONTRACTOR SHALL NOT DISTURB THEM AND SHALL CONTACT THE VA/COR IMMEDIATELY.

22. IT IS MANDATORY THAT THE COMPLETE EXISTING BUILDING REMAIN IN CONTINUOUS AND NON-INTERRUPTED OPERATION DURING REMODELING/ALTERING OF SAID EXISTING BUILDING. THE SPECIFIC AREA(S) BEING REMODELED/ALTERED AT ANY SCHEDULED TIME ARE OBVIOUSLY EXCLUSIVE OF THIS STATEMENT. SERVICES TO EXISTING BUILDING SHALL BE KEPT IN CONTINUOUS OPERATION INCLUDING POWER, SIGNAL SYSTEMS, LIGHTING, TELEPHONE, HEATING, COOLING, VENTILATING, TEMPERATURE CONTROL, SEWERS AND HOT AND COLD WATER. ANY ABSOLUTELY NECESSARY INTERRUPTION OF THESE SERVICES TO ACCOMPLISH CONTRACT WORK SHALL BE ARRANGED WITH THE VA/COR A MINIMUM OF FOURTEEN (14) WORKING DAYS IN ADVANCE. SUCH INTERRUPTIONS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AS FAR AS TIME INTERVAL IS INVOLVED AND TEMPORARY SERVICES SHALL BE FURNISHED AND INSTALLED UNDER THIS CONTRACT WHERE NECESSARY TO ACCOMPLISH THIS PURPOSE. TEMPORARIES SHALL BE REMOVED BY THE CONTRACTOR ONLY AFTER NEW PERMANENT SERVICES ARE INSTALLED AND FULLY OPERATIONAL.

23. IN CASE OF CONFLICTS OR DISCREPANCIES WITHIN OR AMONG THE CONTRACT DRAWINGS, THE BETTER QUALITY, MORE STRINGENT REQUIREMENTS, OR GREATER QUANTITY OF WORK, AS DETERMINED BY THE GOVERNMENT/CONTRACTING OFFICER, SHALL BE PROVIDED.

24. ALL EXPOSED PIPE RISERS IN FINISHED SPACES SHALL BE IN PIPE ENCLOSURE CHASES. SEE ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATIONS. ARCHITECTURAL CHASES ARE NOT PART OF THE MECHANICAL CONTRACT.

25. MECHANICAL CONTRACTOR TO SUSPEND EXISTING DUCTWORK, DIFFUSERS, ETC. FROM STRUCTURE ABOVE IN ALL ROOMS WHERE LAY-IN CEILINGS ARE REMOVED. THIS SHALL BE PERFORMED COMPLIANT WITH CURRENT ASHRAE AND SMACNA STANDARDS.

MECHANICAL EQUIPMENT NOTES:

1. ALL EQUIPMENT/DEVICES SHALL BE AND OF FIRST RATE QUALITY (UNLESS OTHERWISE SPECIFIED) AND IS TO BEAR THE APPROPRIATE AGA, CSA OR UL APPROVED LABELS, LISTINGS, AND CERTIFICATIONS FOR THE SPECIFIC DESIGN PURPOSE.

2. ALL EQUIPMENT SOUND LEVELS SHALL NOT EXCEED 50 DB AT PROPERTY LINE.

3. ALL INTERCONNECTING WIRING AT UNIT SHALL BE FACTORY PRE-WIRED AND REQUIRE ONLY ONE (1) POWER CONNECTION TO THE UNIT BY THE ELECTRICAL CONTRACTOR. DISCONNECT SWITCH SHALL BE BY THE ELECTRICAL CONTRACTOR.

4. SUBMIT THE REQUIRED NUMBER OF COPIES OF EACH CATALOG CUT, FOR THE EQUIPMENT SPECIFIED, TO THE VA/COR FOR APPROVAL AND TO THE ARCHITECT /ENGINEER FOR HIS/HER SUCCESSFUL REVIEW PRIOR TO THE BEGINNING OF CONSTRUCTION. THIS CONTRACTOR SHALL ALSO ASSEMBLE PRINTED INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF EACH ITEM INSTALLED AND BIND TOGETHER WITH EQUIPMENT CUTS AND CONTROL WIRING DIAGRAMS. SUBMIT THE REQUIRED NUMBER OF COPIES TO THE VA/COR FOR HIS/HER SUCCESSFUL REVIEW.

5. THE DRAWINGS, SCHEDULES AND SPECIFICATIONS HAVE BEEN PREPARED USING ONE MANUFACTURER FOR EACH PIECE OF EQUIPMENT AS THE BASIS OF DESIGN INCLUDING ALL DIMENSIONAL DESIGN. IF THE CONTRACTOR PURCHASES EQUIPMENT FROM A SPECIFIED ACCEPTABLE MANUFACTURER, BUT NOT THE SCHEDULED MANUFACTURER USED FOR THE BASE DESIGN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL THE DIMENSIONS OF THE EQUIPMENT TO VERIFY THAT IT WILL FIT IN THE SPACE SHOWN ON THE DRAWINGS. MINOR DEVIATIONS IN DIMENSIONS WILL BE PERMITTED, PROVIDED THE RATINGS MEET THOSE SHOWN ON THE DRAWINGS AND EQUIPMENT WILL PHYSICALLY FIT INTO THE SPACE ALLOCATED WITH SUITABLE ACCESS AROUND EQUIPMENT FOR OPERATION AND MAINTENANCE OF THE EQUIPMENT. WHEN EQUIPMENT SUBMITTED FOR REVIEW DOES NOT MEET THE PHYSICAL SIZE OR ARRANGEMENT OF THAT SCHEDULED AND SPECIFIED, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ALTERATIONS REQUIRED TO ACCOMMODATE SUCH EQUIPMENT AT NO ADDITIONAL COST TO THE VA. CONTRACTOR WILL ALSO PAY ALL COSTS FOR ADDITIONAL WORK REQUIRED BY OTHER CONTRACTORS AND THE VA TO MAKE CHANGES WHICH WOULD ALLOW THE EQUIPMENT TO FIT IN THE SPACE AND TO FUNCTION AS INTENDED.

6. CONTRACTOR AND/OR MANUFACTURER SHALL VERIFY THAT THE CHARACTERISTICS OF THE EQUIPMENT HE SUBMITS FOR REVIEW MEET THE CAPACITY AND DUTY SPECIFIED. WHEN EQUIPMENT SUBMITTED FOR REVIEW REQUIRES MODIFICATIONS TO THE WORK OF OTHER CONTRACTORS, SUBMITTING CONTRACTOR SHALL PAY FOR ALL COSTS FOR ADDITIONAL WORK REQUIRED BY OTHER CONTRACTORS, VA, ARCHITECT OR ENGINEER TO MAKE CHANGES WHICH WOULD ALLOW THE EQUIPMENT FUNCTION SAFELY AND PROPERLY.

7. CONTRACTOR MUST FIELD VERIFY SIZES, CAPACITIES, WEIGHTS, HORSE POWERS, ETC. ON ALL EQUIPMENT. NOTIFY THE VA/COR IF ANY DISCREPANCIES EXIST BETWEEN THE ACTUAL FIELD CONDITIONS AND THE DRAWINGS.

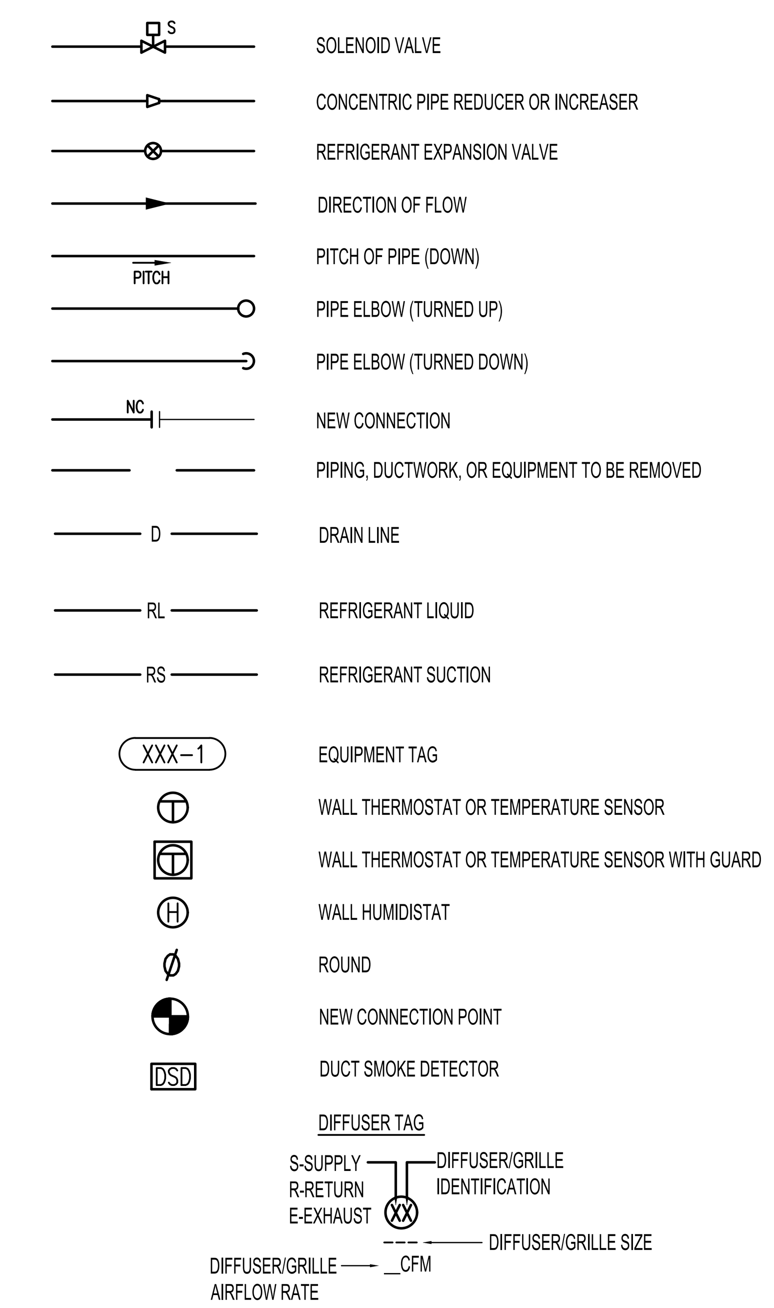
ENGINEERING DISCIPLINE REFERENCE NOTES

SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.

EQUIVALENCY SUBSTITUTIONS: THE "BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS" ARE TO BE FOLLOWED FOR ALL MATERIALS, EQUIPMENT, ASSEMBLIES AND SYSTEMS SPECIFIED AND DETAILED THROUGHOUT ALL DRAWINGS AND SPECIFICATION SECTIONS, WHETHER THE BOD DESIGNATE IS SPECIFICALLY REFERENCED THEREIN OR NOT. SEE THE GENERAL DRAWINGS SECTION FOR THE SPECIFIC BOD COMPLIANCE REQUIREMENTS AND PROTOCOLS TO BE FOLLOWED.

HVAC SYMBOLS AND ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CC	COOLING COIL
CFM	CUBIC FEET PER MINUTE
D	DRAIN LINE
DB	DRY BULB
(E)	EXISTING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
F	FAHRENHEIT
FPF	FINS PER FOOT
FPM	FEET PER MINUTE
FV	FACE VELOCITY
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MCA	MINIMUM CIRCUIT AMPS
MOCP	MAXIMUM OVERCURRENT PROTECTION
NTS	NOT TO SCALE
PD	PRESSURE DROP
PH	PHASE
PSI	POUNDS PER SQUARE INCH
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SF	SUPPLY FAN
SP	STATIC PRESSURE
TC	TEMPERATURE CONTROL
TSP	TOTAL STATIC PRESSURE
TYP.	TYPICAL
VD	VOLUME DAMPER
WB	WET BULB
W.C.	WATER COLUMN
WG	WATER GAUGE



ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-28170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL SYMBOLS, ABBREVIATIONS, AND NOTES

SHEET 108 OF 279

Phase ISSUE FOR BID

Project Title
EHRM INFRASTRUCTURE UPGRADES

Location
FARGO VA HEALTH CARE SYSTEM

Issue Date 3/18/2022 | Checked DG | Drawn BX

Project Number 437-21-205

Building Number -

Drawing Number M001

VA FORM 08 - 6231

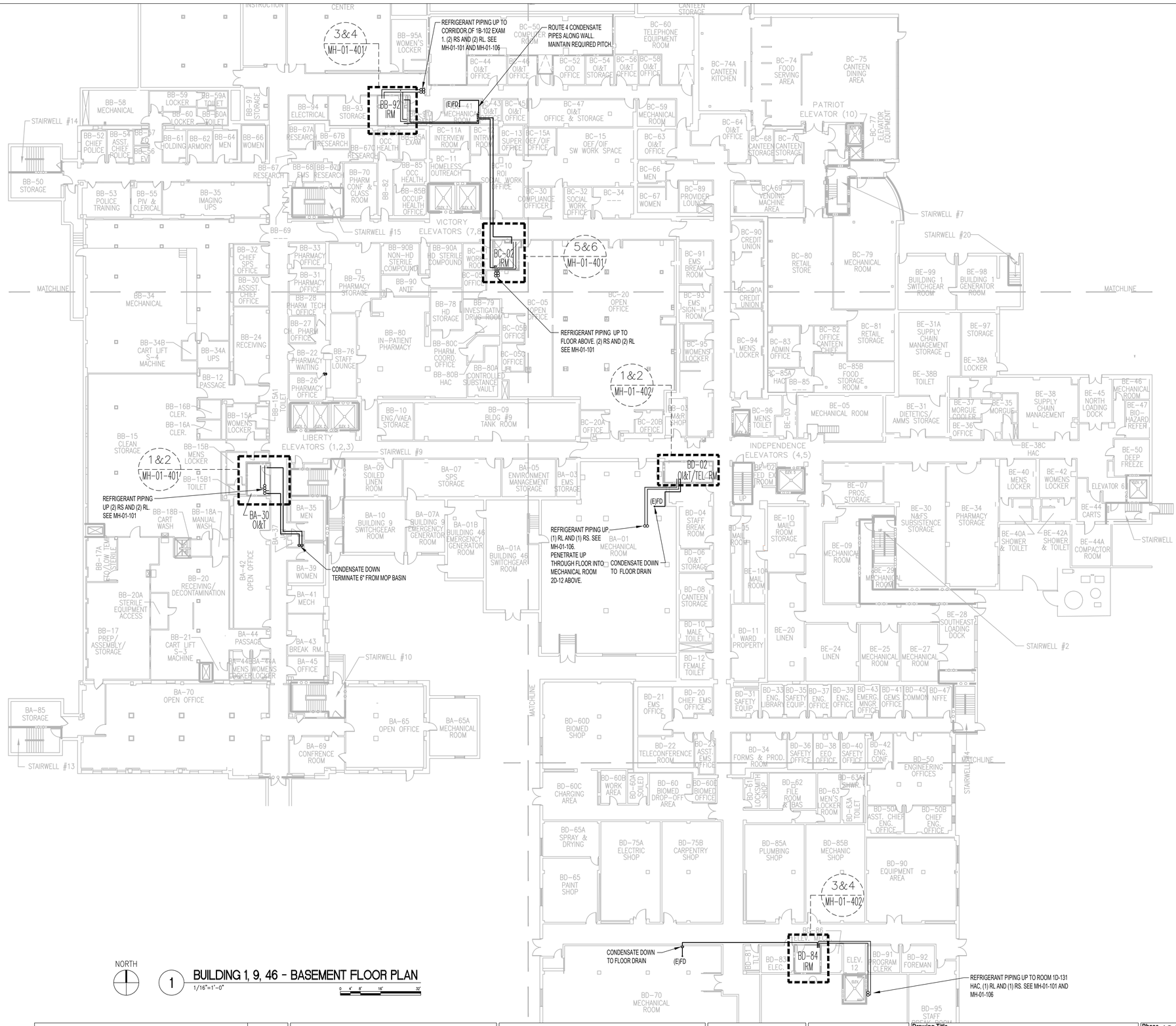
3/2/2022 10:52:22 AM

K:\CCG_PROJECTS\2018\18-121 36C26319D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\437-21-205-M001.dwg

MECHANICAL GENERAL NOTES

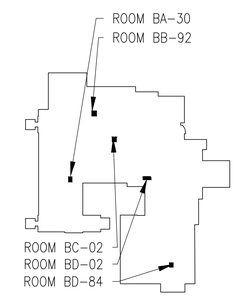
A. SEE ENLARGED TELECOMMUNICATION ROOM MECHANICAL PLANS PER CIRCLE TAG DESIGNATIONS

B. SEE COMBINED ROOF PLAN MH-01-106 FOR SPLIT SYSTEM AIR COOLED CONSENSING UNIT (ACCU.) LOCATIONS.



NORTH

1 BUILDING 1, 9, 46 - BASEMENT FLOOR PLAN
1/16"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-28170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - BASEMENT PLAN

SHEET 109 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 01, 09, 46

Location: FARGO VA HEALTH CARE SYSTEM

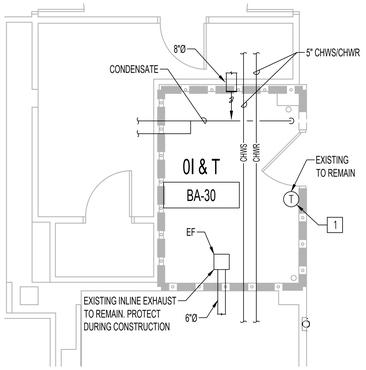
Drawing Number: MH-01-100

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

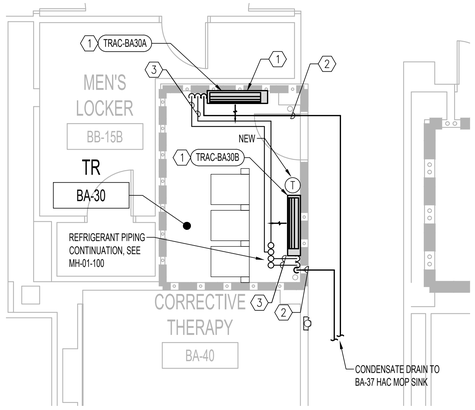
VA FORM 08 - 6231

K:\CIC_PROJECTS\2018\18-121 36\C2631\90044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\450- DwtDocs\402- Drawings\WORKING\MH-01-109.DWG

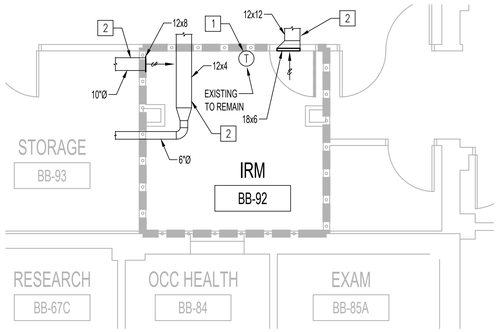
3/11/2022 3:44:49 PM



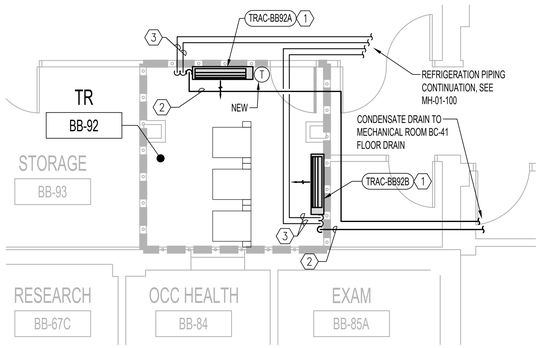
1 ENLARGED HVAC DEMO PLAN RM BA-30
1/4"=1'-0"



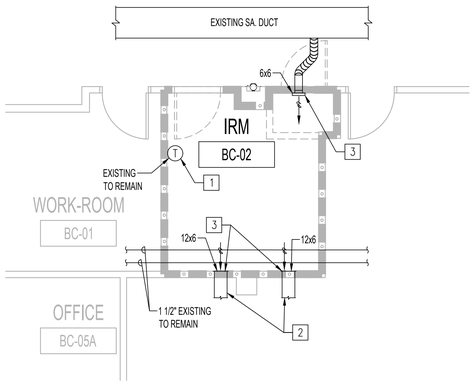
2 ENLARGED HVAC PLAN RM BA-30
1/4"=1'-0"



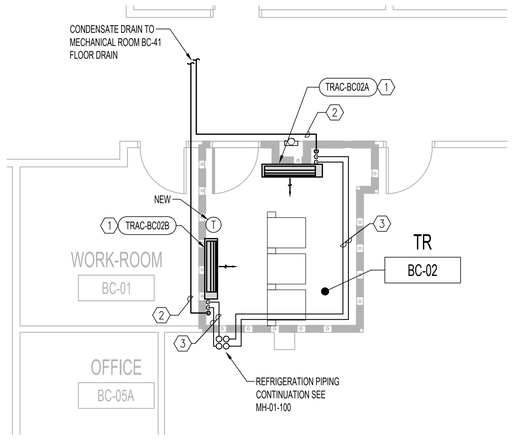
3 ENLARGED HVAC DEMO PLAN RM BB-92
1/4"=1'-0"



4 ENLARGED HVAC PLAN RM BB-92
1/4"=1'-0"



5 ENLARGED HVAC DEMO PLAN RM BC-02
1/4"=1'-0"



6 ENLARGED HVAC PLAN RM BC-02
1/4"=1'-0"

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

X MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

X MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT, AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

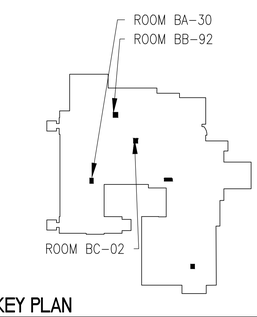
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS. RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-28170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - BASEMENT

SHEET 110 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

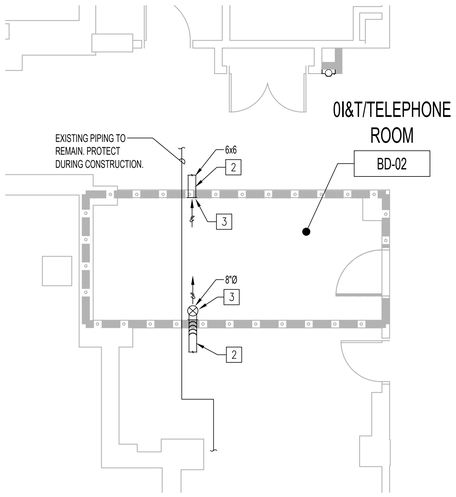
Project Number: 437-21-205

Building Number: 01, 09, 46

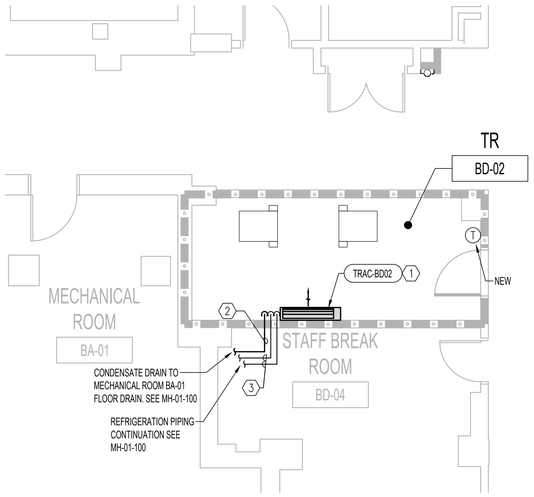
Drawing Number: MH-01-401

K:\CCG_PROJECTS\2018\18-121 (BC2063)\BD\044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesignDocs\402- Drawings\WORKING\MH-01-401.dwg 3/2/2022 7:06:56 AM

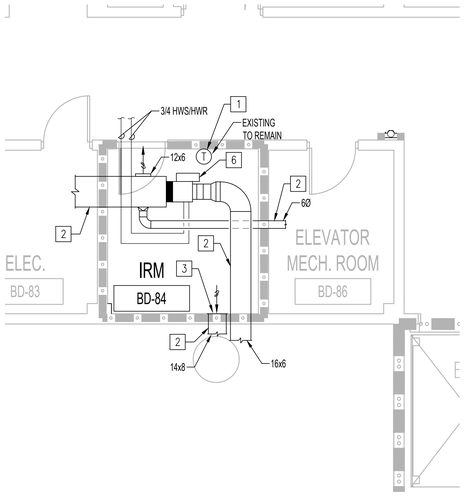
VA FORM 08 - 6231



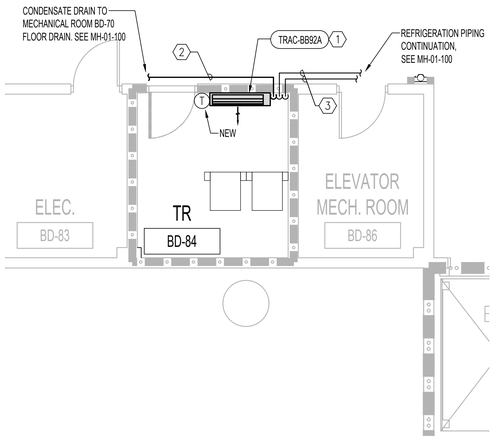
1 ENLARGED HVAC DEMO PLAN RM BD-02
1/4"=1'-0"



2 ENLARGED HVAC PLAN RM BD-02
1/4"=1'-0"



3 ENLARGED HVAC DEMO PLAN RM BD-84
1/4"=1'-0"



4 ENLARGED HVAC PLAN RM BD-84
1/4"=1'-0"

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

X MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

X MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT, AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

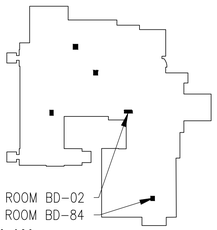
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS. RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.932.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-26170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - BASEMENT

SHEET 111 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 01, 09, 46

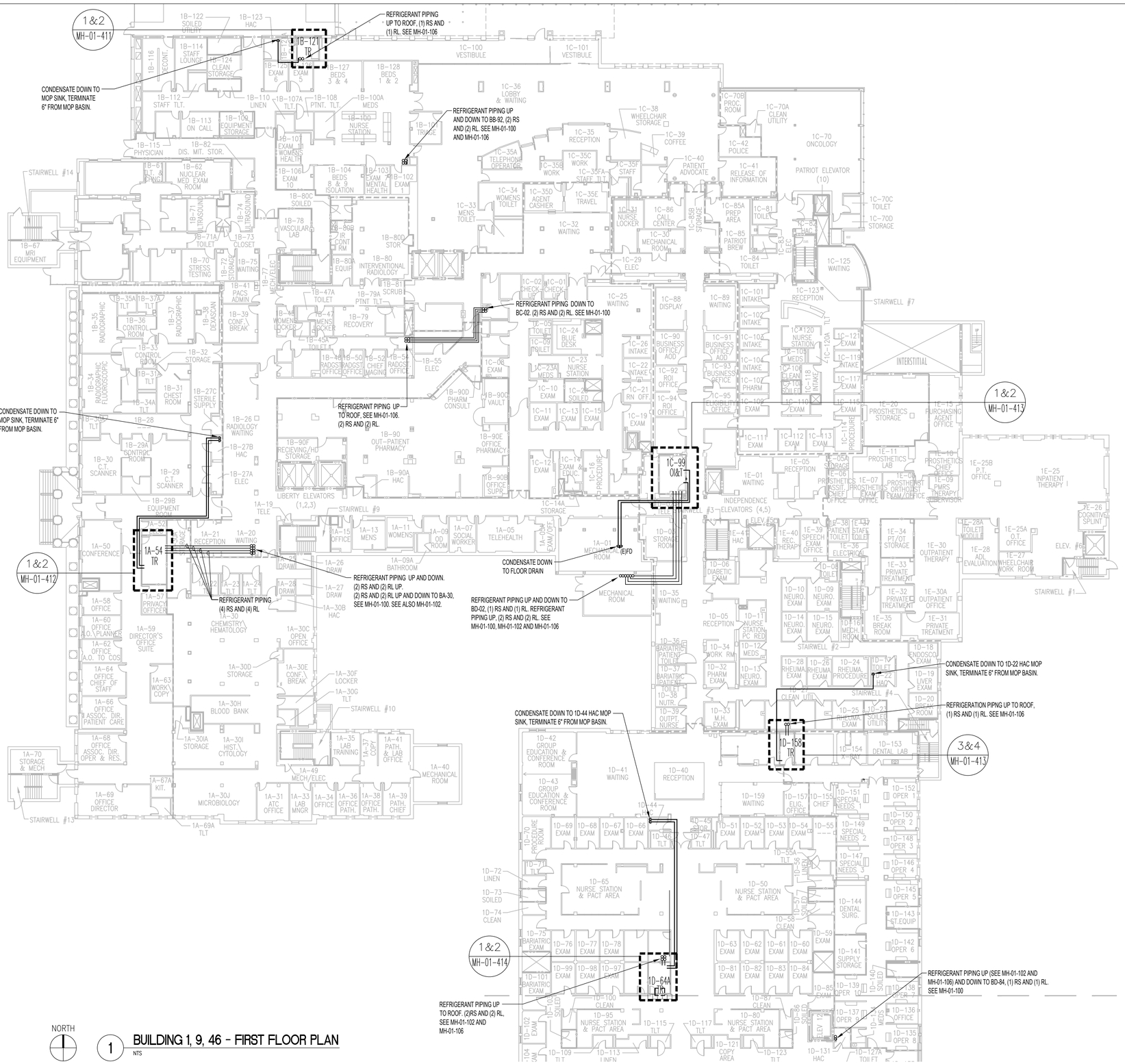
Location: FARGO VA HEALTH CARE SYSTEM

Drawing Number: MH-01-402

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

K:\CCG_PROJECTS\2018\18-121 36C26319D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\MH-01-402.dwg 3/2/2022 7:08:13 AM

VA FORM 08 - 6231



1 BUILDING 1, 9, 46 - FIRST FLOOR PLAN
NTS

NORTH

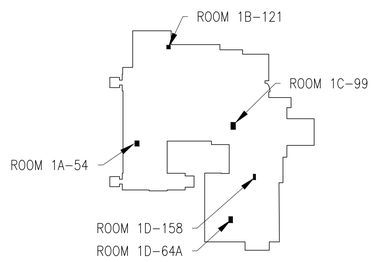
MECHANICAL GENERAL NOTES

A. SEE ENLARGED TELECOMMUNICATION ROOM MECHANICAL PLANS PER CIRCLE TAG DESIGNATIONS

B. SEE COMBINED ROOF PLAN MH-01-106 FOR SPLIT SYSTEM AIR COOLED CONSENSING UNIT (ACCU.) LOCATIONS.

(X) MECHANICAL KEY NOTES - NEW WORK

1. CONTRACTOR TO PROVIDE OPENING IN CHASE AND REPAIR OPENING UPON COMPLETION OF PIPE INSTALLATION.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-28170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - FIRST FLOOR PLAN

SHEET 112 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 01, 09, 46

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

Drawing Number: MH-01-101

K:\CIG_PROJECTS\2018\18-121 36\C2631\ID\0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\450- DesignDocs\402- Drawings\WORKING\MH-01-101.dwg 3/14/2022 11:21:42 AM

VA FORM 08 - 6231

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

(X) MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

(X) MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT , AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

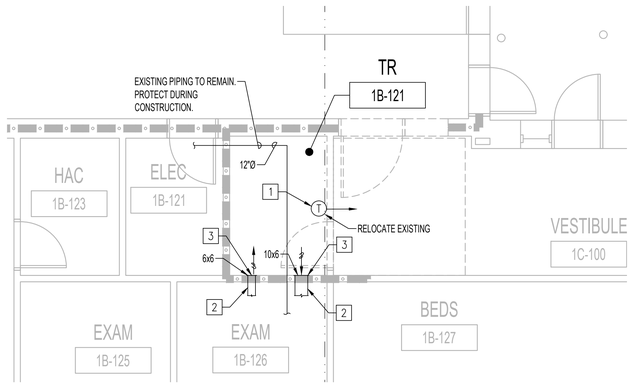
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

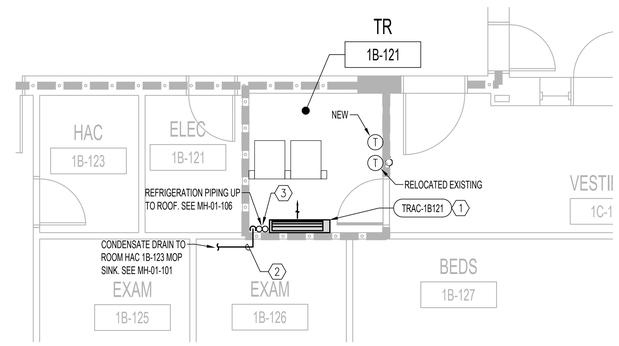
5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS. RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

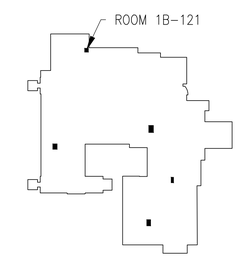
7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



1 ENLARGED HVAC DEMO PLAN RM 1B-121
1/4"=1'-0"



2 ENLARGED HVAC PLAN RM 1B-121
1/4"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-28170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - FIRST FLOOR

SHEET 113 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

Project Number: 437-21-205

Building Number: 01, 09, 46

Drawing Number: MH-01-411

K:\CCG_PROJECTS\2018\18-121 36C263180D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\MH-01-411.dwg 3/11/2022 9:05:32 AM

VA FORM 08 - 6231

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

X MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

X MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT , AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

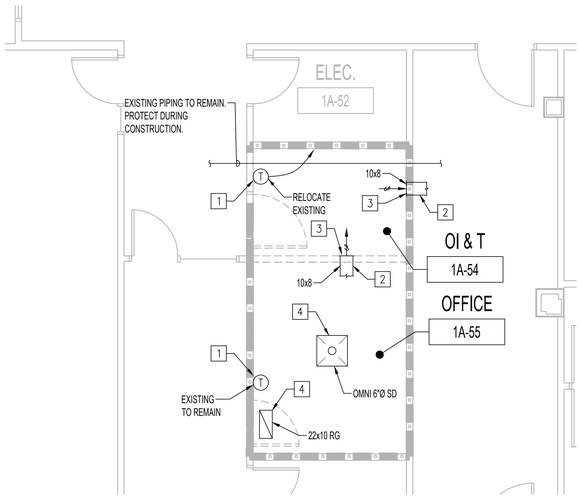
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

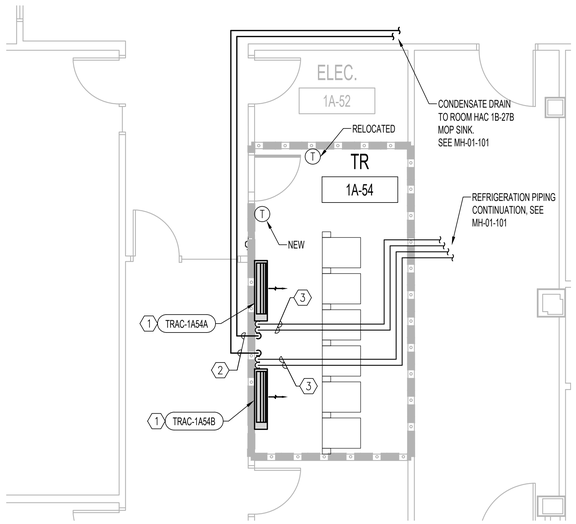
5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS. RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

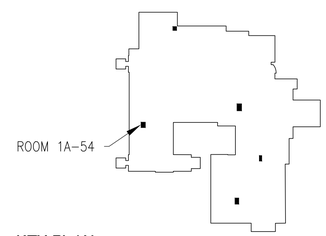
7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



1 ENLARGED HVAC DEMO PLAN RM 1A-54
1/4"=1'-0"



2 ENLARGED HVAC PLAN RM 1A-54
1/4"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.932.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-26170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - FIRST FLOOR

SHEET 114 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 01, 09, 46

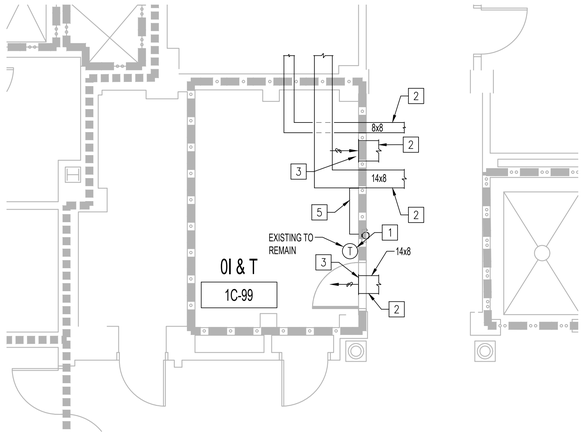
Location: FARGO VA HEALTH CARE SYSTEM

Drawing Number: MH-01-412

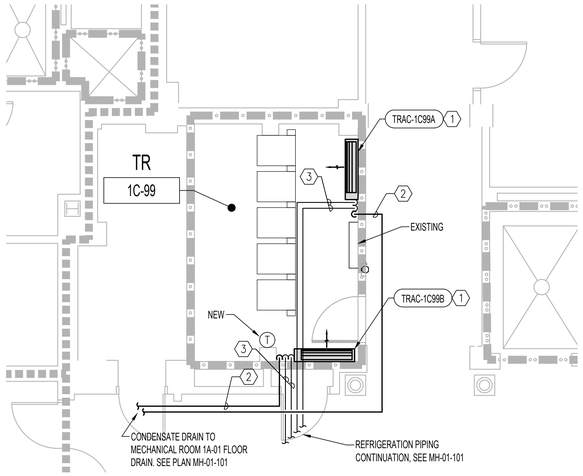
Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

K:\CCG_PROJECTS\20181821 36C26319D0044 YISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\MH-01-412.dwg 3/14/2022 9:38:55 AM

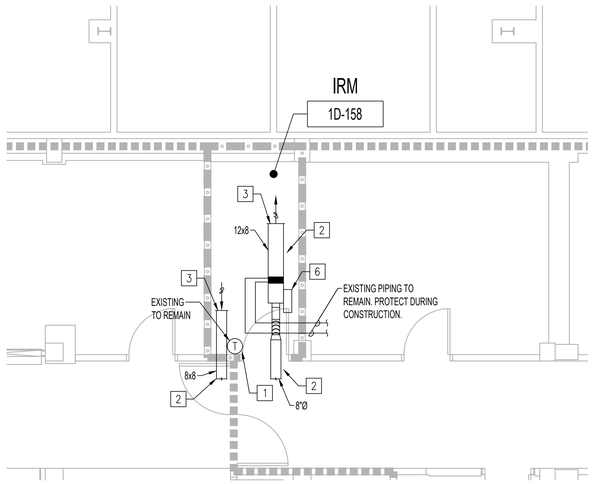
VA FORM 08 - 6231



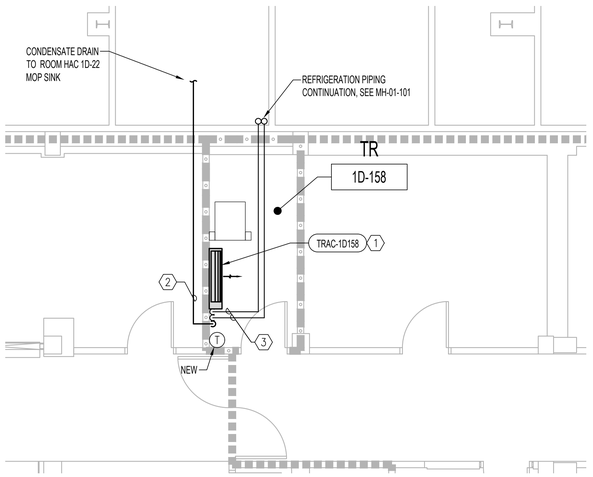
1 ENLARGED HVAC DEMO PLAN RM 1C-99
1/4"=1'-0"



2 ENLARGED HAVC PLAN RM 1C-99
1/4"=1'-0"



3 ENLARGED HVAC DEMO PLAN RM 1D-158
1/4"=1'-0"



4 ENLARGED HAVC PLAN RM 1D-158
1/4"=1'-0"

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

X MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

X MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT , AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

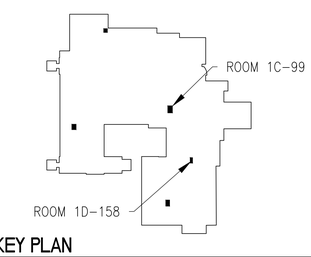
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS. RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-28170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - FIRST FLOOR

SHEET 115 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 01, 09, 46

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

Drawing Number: MH-01-413

VA FORM 08 - 6231

K:\CCG_PROJECTS\20\18\18-121 36C263180D044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\440- DesiDocs\402- Drawings\WORKING\MH-01-413.dwg 3/22/2022 7:10:45 AM

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

(X) MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

X MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT, AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

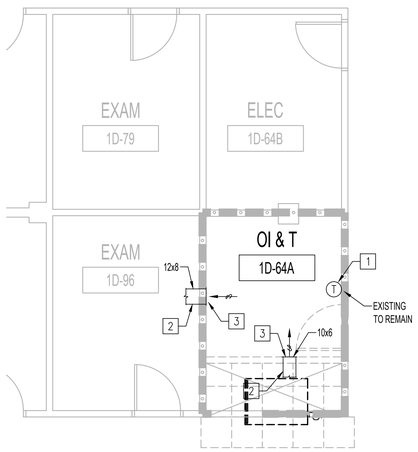
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

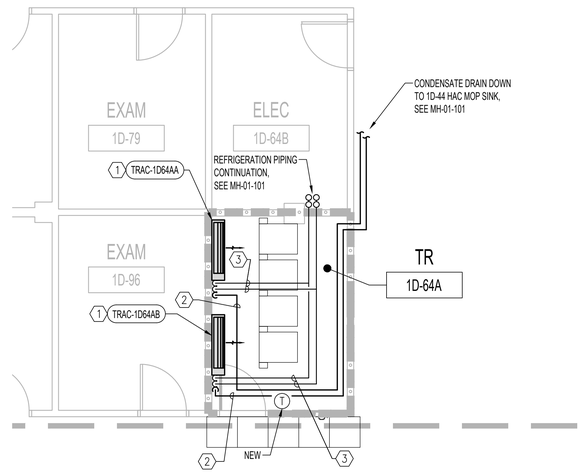
5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS, RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

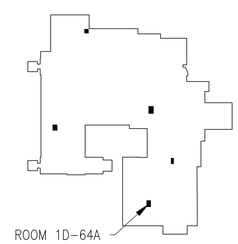
7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



1 ENLARGED HVAC DEMO PLAN RM 1D-64A
1/4"=1'-0"



2 ENLARGED HVAC PLAN RM 1D-64A
1/4"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-28170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - FIRST FLOOR

SHEET 116 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

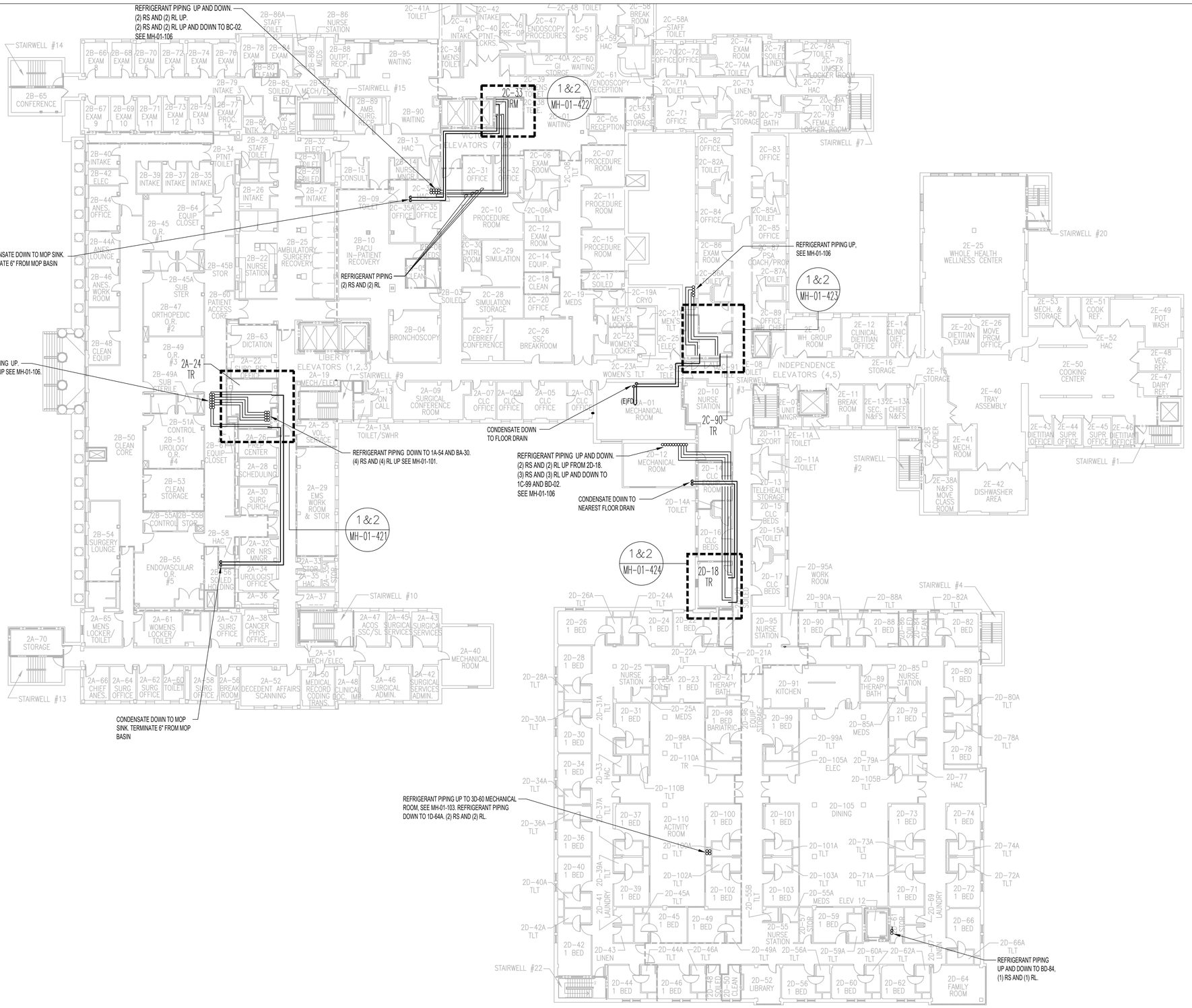
Project Number: 437-21-205

Building Number: 01, 09, 46

Drawing Number: MH-01-414

K:\CCG_PROJECTS\2018\18-121 36C263195D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\MH-01-414.dwg 3/2/2022 7:11:05 AM

VA FORM 08 - 6231



NORTH

1 BUILDING 1, 9, 46 - SECOND FLOOR PLAN

1/16"=1'-0"

0 4' 8' 16' 32'

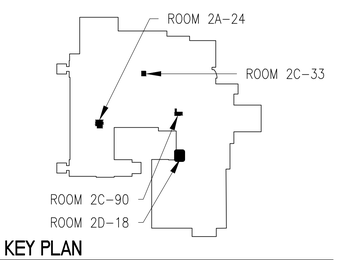
MECHANICAL GENERAL NOTES

A. SEE ENLARGED TELECOMMUNICATION ROOM MECHANICAL PLANS PER CIRCLE TAG DESIGNATIONS

B. SEE COMBINED ROOF PLAN MH-01-106 FOR SPLIT SYSTEM AIR COOLED CONSENSING UNIT (ACCU.) LOCATIONS.

(X) MECHANICAL KEY NOTES - NEW WORK

1. CONTRACTOR TO PROVIDE OPENING IN CHASE AND REPAIR OPENING UPON COMPLETION OF PIPE INSTALLATION.



KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-28170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - SECOND FLOOR PLAN

SHEET 117 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 01, 09, 46

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

Drawing Number: MH-01-102

K:\CO2_PROJECTS\2018\18-121 36C263\150044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DwgDocs\402- Drawings\WORKING\MH-01-102.dwg 3/14/2022 11:26:25 AM

VA FORM 08 - 6231

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

(X) MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

(X) MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT , AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

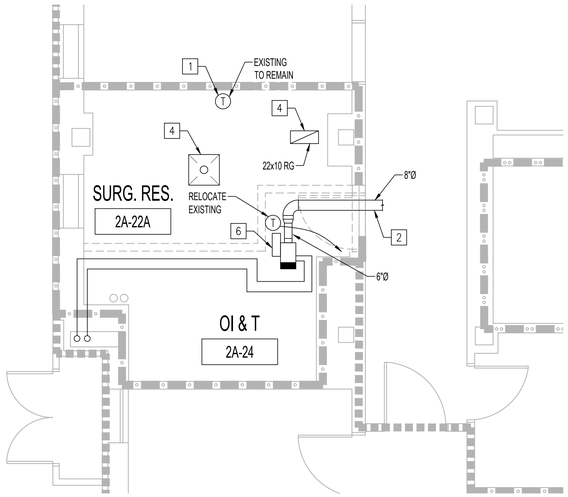
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

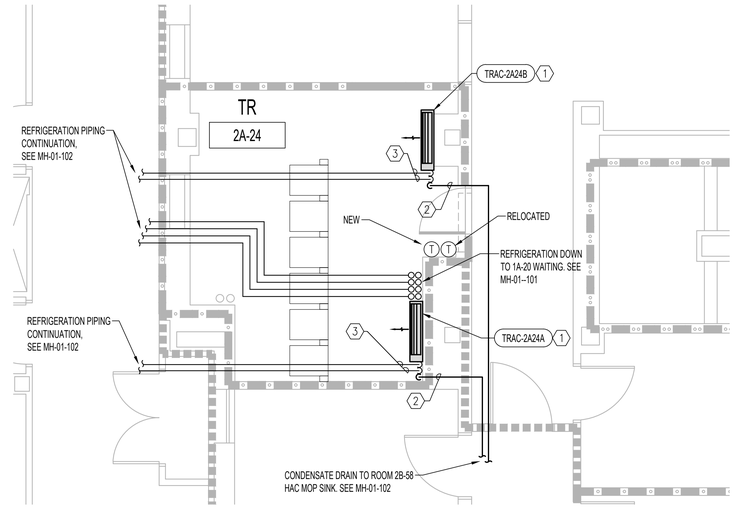
5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS. RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

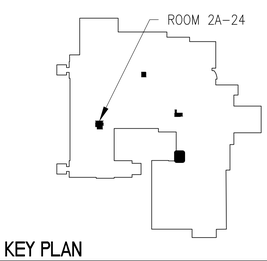
7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



1 ENLARGED HVAC DEMO PLAN RM 2A-24
1/4"=1'-0"



2 ENLARGED HVAC PLAN RM 2A-24
1/4"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.932.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-26170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - SECOND FLOOR

SHEET 118 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

Project Number: 437-21-205

Building Number: 01, 09, 46

Drawing Number: MH-01-421

K:\CCG_PROJECTS\20181821 36C263190D044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\MH-01-421.dwg 3/14/2022 11:12:29 AM
VA FORM 08 - 6231

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

X MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

X MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT, AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

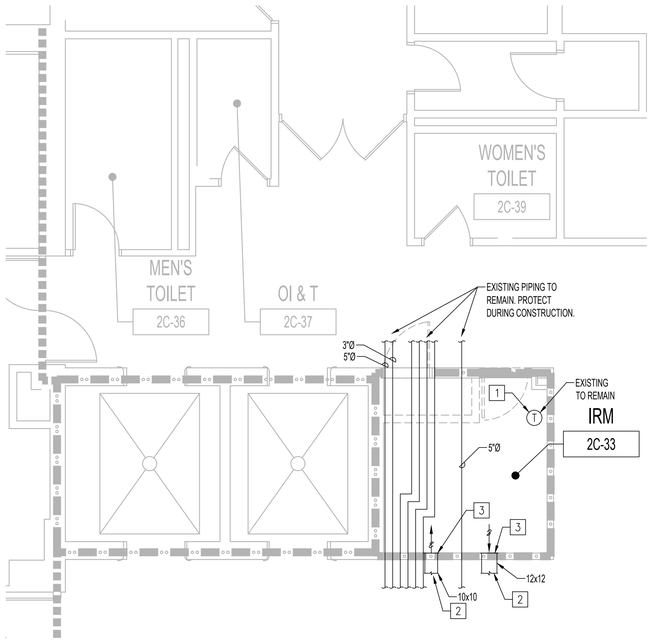
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

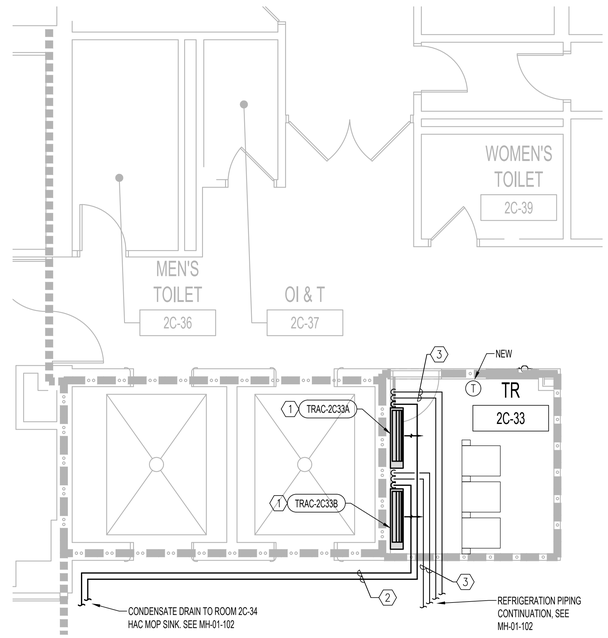
5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS. RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

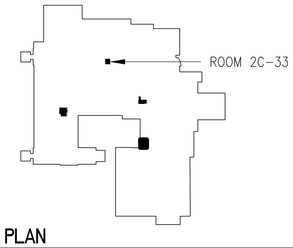
7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



1 ENLARGED HVAC DEMO PLAN RM 2C-33
1/4"=1'-0"



2 ENLARGED HVAC PLAN RM 2C-33
1/4"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-26170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - SECOND FLOOR

SHEET 119 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

Project Number: 437-21-205

Building Number: 01, 09, 46

Drawing Number: MH-01-422

VA FORM 08 - 6231

K:\CCG_PROJECTS\20181821 36C263190D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- Des\Docs\402- Drawings\WORKING\MH-01-422.dwg 3/2/2022 7:15:13 AM

MECHANICAL GENERAL NOTES

A. INSTALLING HVAC CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING HVAC EQUIPMENT SYSTEM COMPONENTS AND CONTROLS TO BE USED AS BACK UP FOR NEW SPLIT SYSTEM AIR CONDITIONING FROM DAMAGE WITHIN NEW TR SPACE. EXISTING SHALL REMAIN OPERATIONAL UPON COMPLETION OF CONTRACT.

B. CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLATION OF CEILING TILES AS REQUIRED TO FACILITATE INSTALLATION OF REFRIGERANT AND CONDENSATE DRAIN PIPING.

X MECHANICAL KEY NOTES - NEW WORK

1. WALL MOUNTED VRF DUCT FREE DX SPLIT SYSTEMS INDOOR UNIT. TELECOMMUNICATION ROOM AIR CONDITIONING UNIT (TRAC). COORDINATE ALL LOCATIONS WITH NEW AND EXISTING PIPING , ELECTRIC PANELS ETC. FOR CODE REQUIRED CLEARANCE AND EQUIPMENT ACCESS PRIOR TO FINAL LOCATION.

2. INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW WALL MOUNTED CONDENSATE PUMPS BELOW AC UNITS TO NEAREST INDIRECT WASTE CONNECTION. FOR LOCATION AND PIPING ROUTING SEE FULL FLOOR PLANS. (IN MULTIPLE SYSTEM INSTALLATIONS DRAIN LINES FROM EACH UNIT SHALL BE SERVED BY ONE CONDENSATE PUMP AND DRAIN LINE TO NEAREST MOP SINK OR FLOOR DRAIN WITH A SINGLE INDEPENDENT CONNECTION FOR ALL INSTALLATION CONDENSATE LINES EXITING ROOMS.).

3. REFRIGERANT SUCTION (RS) AND LIQUID (RL) LINES FROM EVAPORATOR COIL CONNECTION TO REMOTE OUTDOOR AIR COOLED CONDENSING UNIT (ACCU). FOR LOCATION AND PIPING ROUTING SEE ROOF AND FULL FLOOR PLANS. SIZE PIPING PER MANUFACTURE'S RECOMMENDATION.

X MECHANICAL KEY NOTES - DEMOLITION

1. EXISTING THERMOSTATS AND CONTROL WIRING TO REMAIN AND ARE TO BE ADJUSTED 10 DEGREES ABOVE NEW AC EQUIPMENT SETPOINTS

2. ALL EXISTING HVAC SYSTEMS, EQUIPMENT , AIR DISTRIBUTION DUCTWORK, PLUMBING PIPING, MEDICAL GAS AND CONTROLS TO REMAIN. THIS INCLUDES ALL EQUIPMENT, PIPING, DUCTWORK AND CONTROLS SERVING AREAS OUTSIDE OF THIS ROOM .

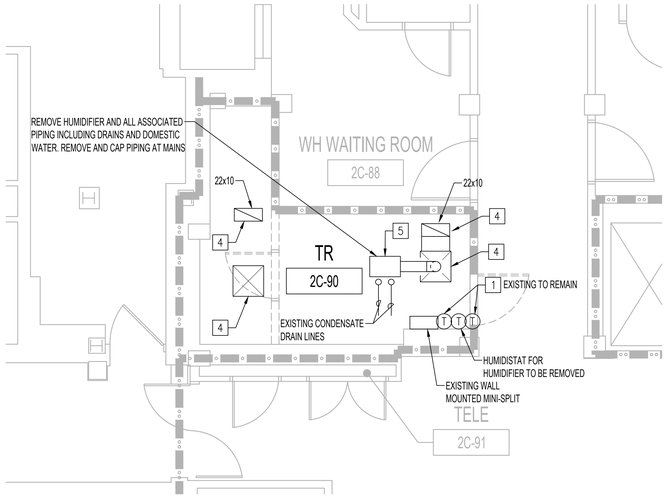
3. EXISTING GRILLES, REGISTERS AND OPEN ENDED DUCTS TO REMAIN AS IS.

4. WHERE EXISTING CEILINGS ARE TO BE REMOVED, EXISTING DIFFUSERS, GRILLES , FLEXIBLE DUCT SHALL BE SUSPENDED FROM FROM STRUCTURE ABOVE. AS PART OF NEW WORK SCOPE. A SECOND ADJUSTMENT OF LOCATIONS MAY BE REQUIRED TO ACCOMMODATE NEW DATA WIRING AND DEVICES.

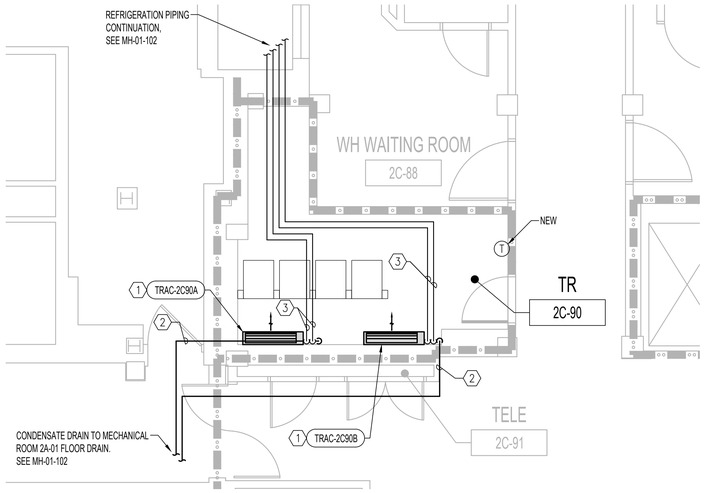
5. EXISTING SPLIT SYSTEM DX CASSETTE OR VRF FAN COIL TERMINALS. RELATED CONTROLS AND DRAIN PIPING SHALL REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

6. EXISTING VAV BOX AND RELATED PIPING, DUCTWORK, AIR DEVICES AND THERMOSTATS TO REMAIN AS BACK UP SYSTEMS FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.

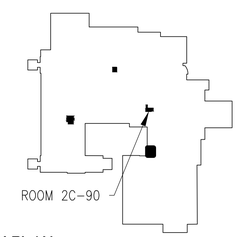
7. EXISTING EXHAUST FAN, DUCTWORK, THERMOSTATS AND RELATED TEMP CONTROLS TO REMAIN AS BACK UP SYSTEM FOR NEW DEDICATED HEAT REMOVAL AND COOLING IN NEW WORK SCOPE.



4 ENLARGED HVAC DEMO PLAN RM 2C-90
1/4"=1'-0"



2 ENLARGED HVAC PLAN RM 2C-90
1/4"=1'-0"



KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

REGISTERED PROFESSIONAL ENGINEER
RAED HAMID
PE-26170
DATE 3/18/2022
NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL - BUILDING 1-9-46 - ENLARGED PLANS - SECOND FLOOR

SHEET 120 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 01, 09, 46

Location: FARGO VA HEALTH CARE SYSTEM

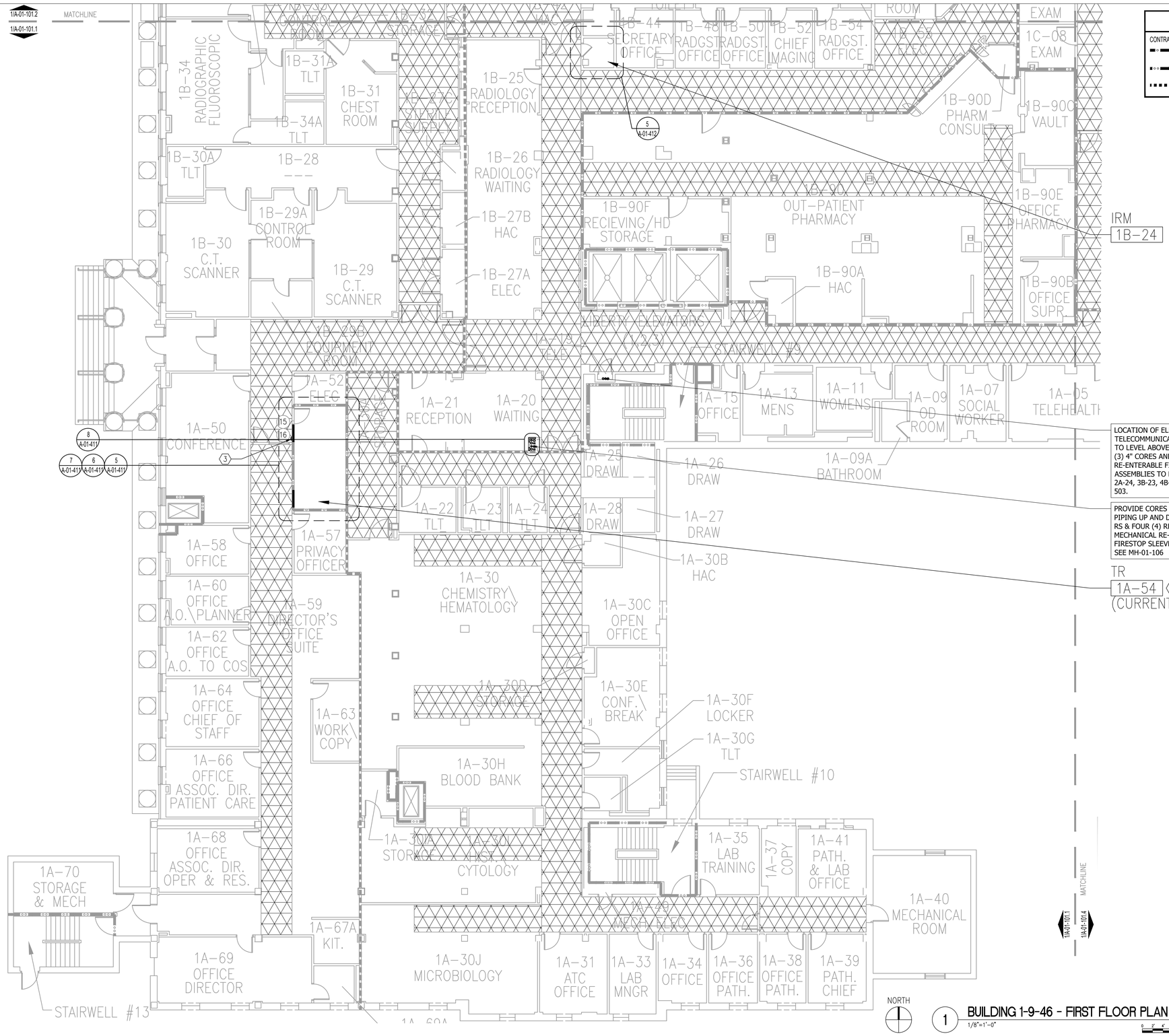
Drawing Number: MH-01-423

Issue Date: 3/18/2022 | Checked: DG | Drawn: BX

K:\CCG_PROJECTS\20181821 36C263\SDO044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\MH-01-423.dwg

3/11/2022 9:10:11 AM

VA FORM 08 - 6231



RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

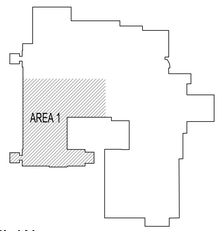
2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.

NORTH

1 BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 1
1/8"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 1

SHEET 41 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205

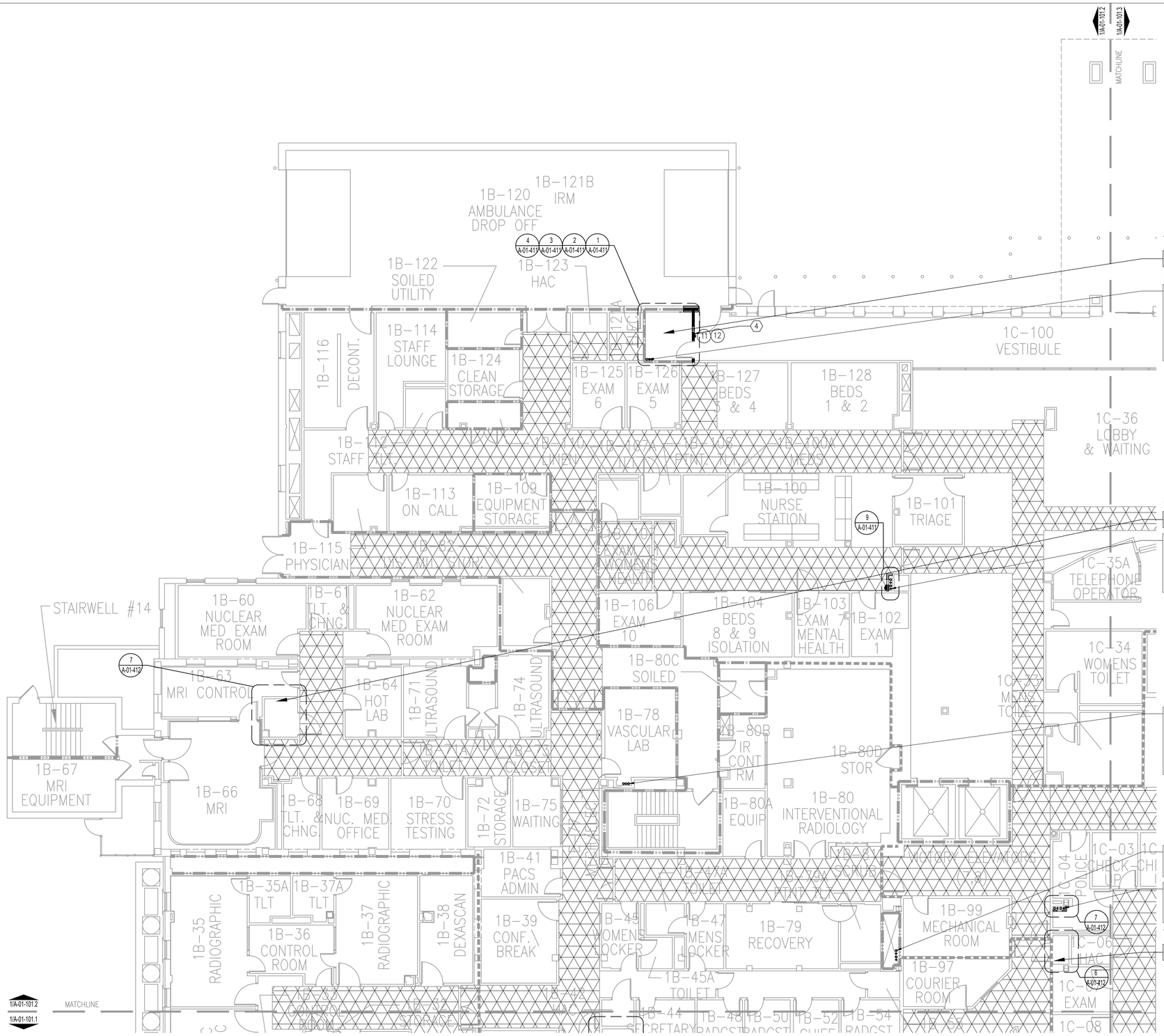
Building Number: 1-9-46

Drawing Number: A-01-101.1

K:\CCG_PROJECTS\2018\18-121 36C263190D044 VISN 23 IDIQ (North Dakota • Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-101.1-5.dwg

3/13/2022 12:23:23 PM

VA FORM 08 - 6231



NORTH

1 BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 2

1/8"=1'-0"

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

X DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

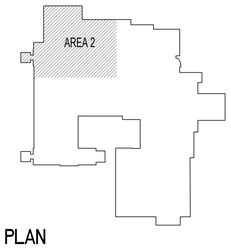
X FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 2

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

SHEET 42 OF 279

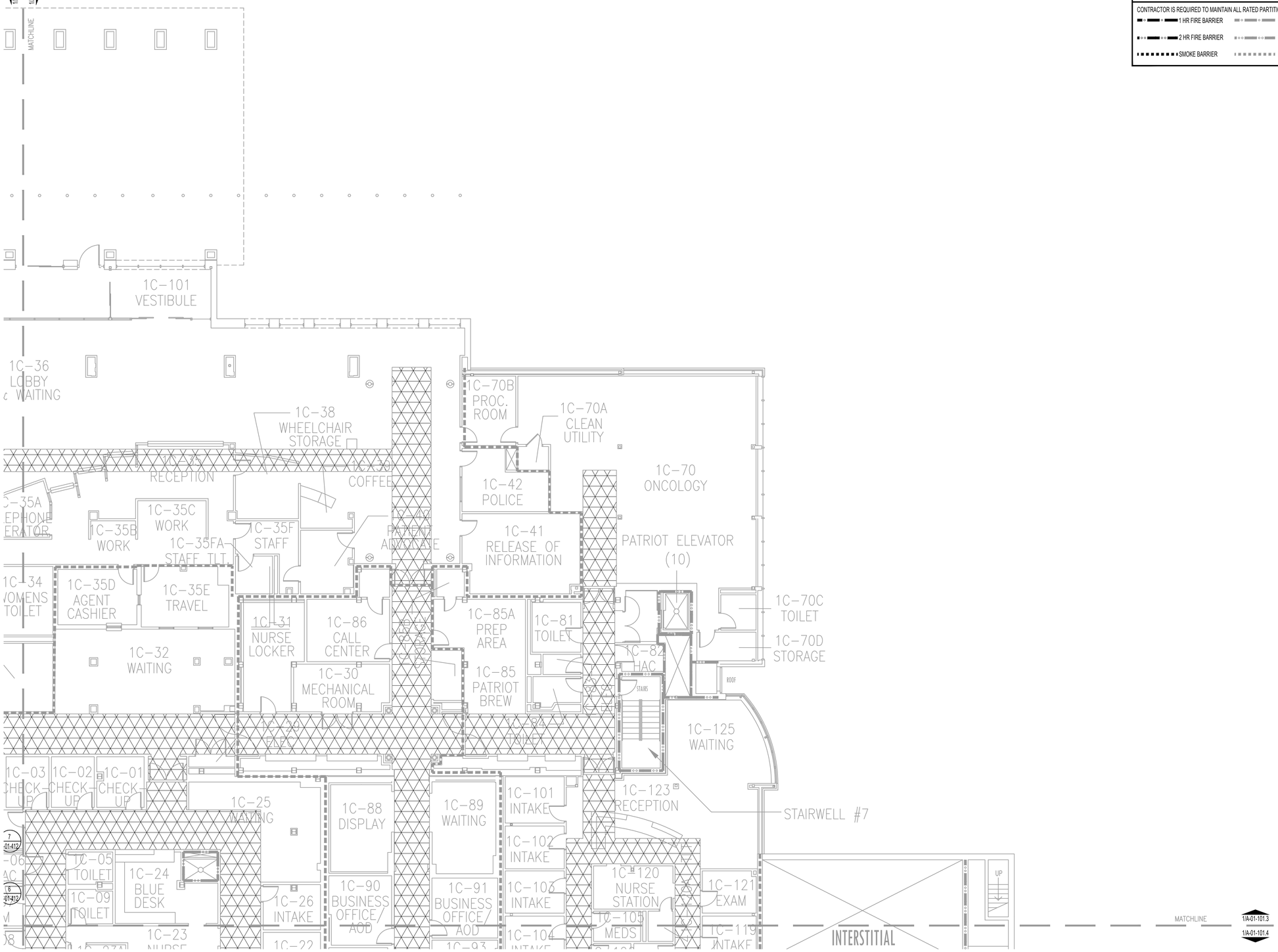
Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Drawing Number: A-01-101.2

K:\CCG_PROJECTS\2018\18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\450- DwgDocs\402- Drawings\WORKING\A-B01-101.1-5.dwg 3/10/2022 12:23:23 PM

VA FORM 08 - 6231



NORTH

1 BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 3

1/64"=1'-0"

0 16' 32' 64' 128'

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

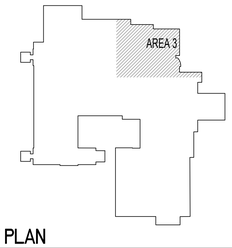
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N

KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ULGIN ROBERTS 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 3

SHEET 43 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

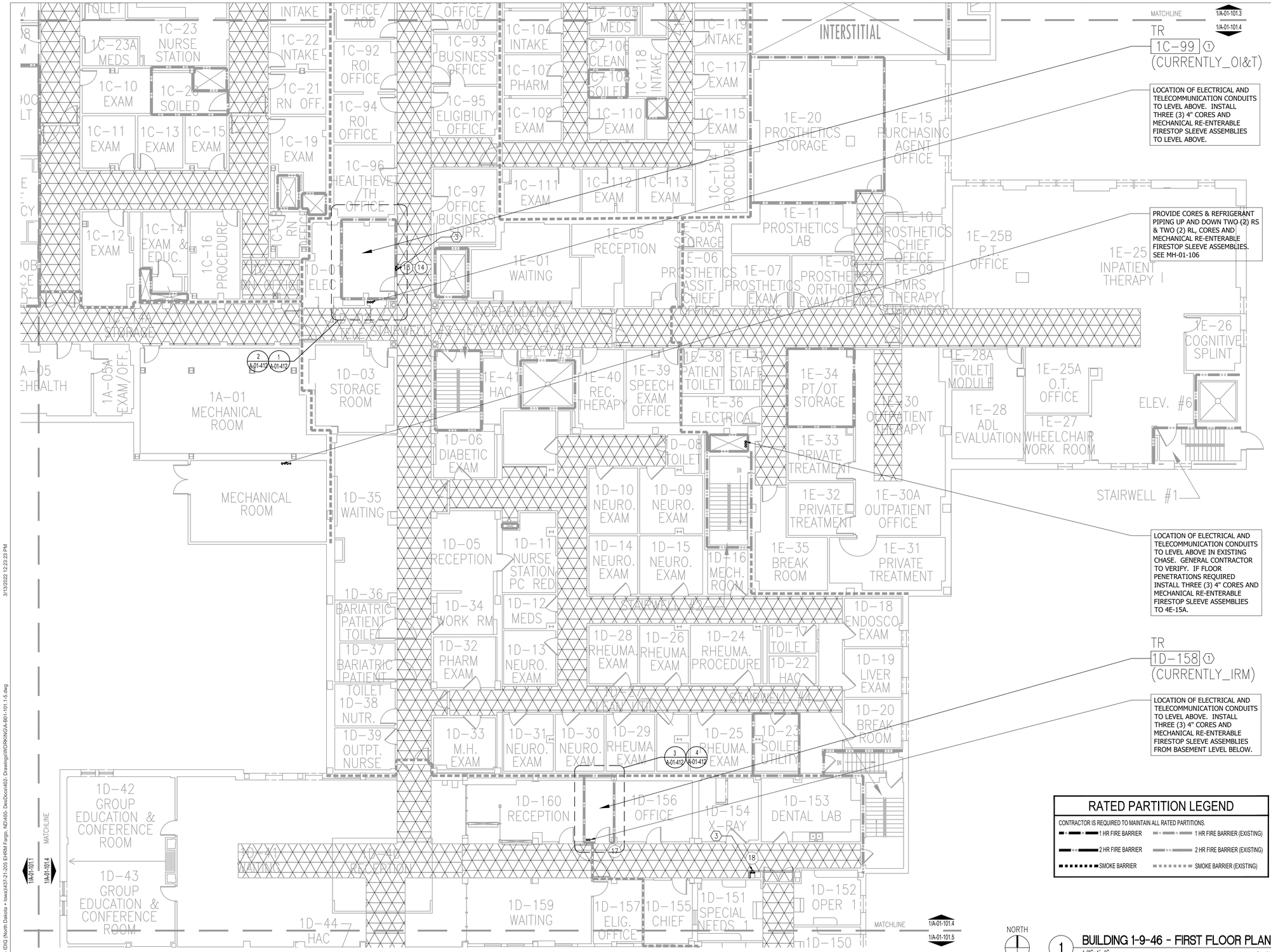
Location: FARGO VA HEALTH CARE SYSTEM

Drawing Number: A-01-101.3

Issue Date: 3/18/2022 | Checked: CZ | Drawn: KK

VA FORM 08 - 6231

K:\CCO_PROJECTS\20181B-121 36C263150004 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DwgDocs\402- Drawings\WORKING\A-B01-101.1-5.dwg 3/13/2022 12:23:23 PM



GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.

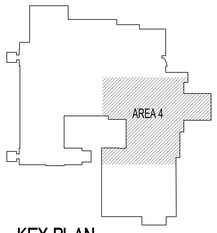
RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

NORTH

1 BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 4
1/8"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN KORDAHL 3028 DATE: 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 4

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

SHEET 44 OF 279

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Drawing Number: A-01-101.4

K:\CCO_PROJECTS\2018\18-121 36C26316D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-101.1-5.dwg 3/13/2022 12:23:23 PM

VA FORM 08 - 6231

LOCATION OF ELECTRICAL AND TELECOMMUNICATION CONDUITS TO LEVEL ABOVE. INSTALL THREE (3) 4" CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES FROM BASEMENT LEVEL BELOW.

PROVIDE CONDENSATE DRAIN DOWN TO CARPENTRY SHOP BD-75B FLOOR DRAIN, CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES. SEE MH-01-10B

TR
1D-64A (1)
(CURRENTLY_OI&T)

PROVIDE REFRIGERANT PIPING UP AND DOWN & CORES, ONE (1) RS & ONE (1) RL, CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES. SEE MH-01-106

NORTH

1 BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 5
1/8"=1'-0"

0 2' 4' 8' 16'

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

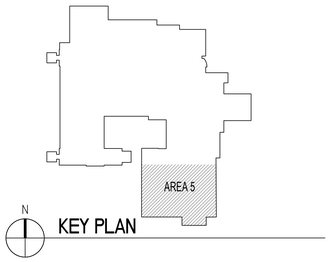
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.932.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FIRST FLOOR PLAN - AREA 5

SHEET 45 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

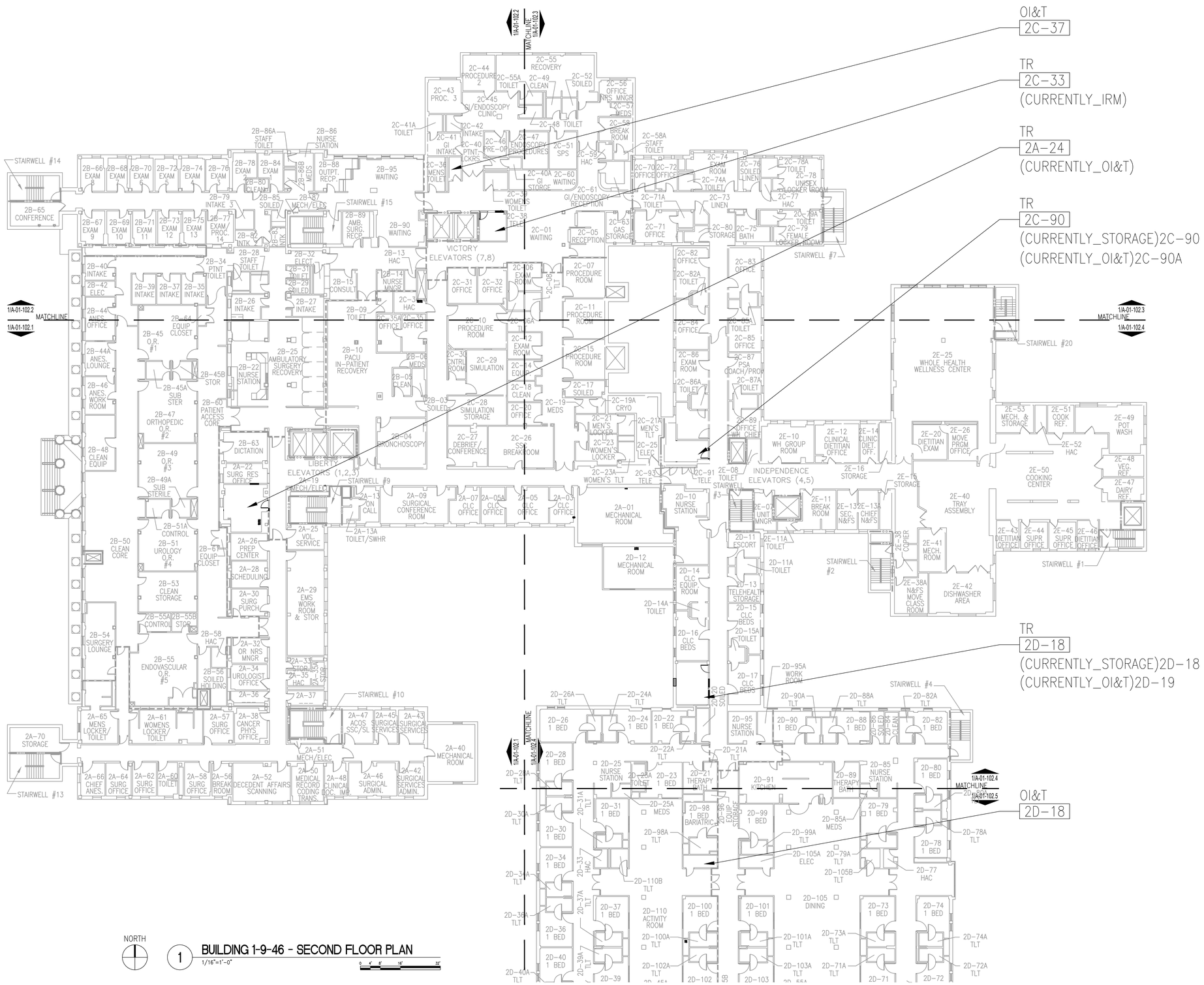
Project Number: 437-21-205

Building Number: 1-9-46

Drawing Number: A-01-101.5

K:\CCG_PROJECTS\2018\18-121 36C263190D044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-101.1-5.dwg 3/18/2022 12:23:23 PM

VA FORM 08 - 6231



NORTH

1 BUILDING 1-9-46 - SECOND FLOOR PLAN
1/16"=1'-0"

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.932.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - SECOND FLOOR PLAN

SHEET 46 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

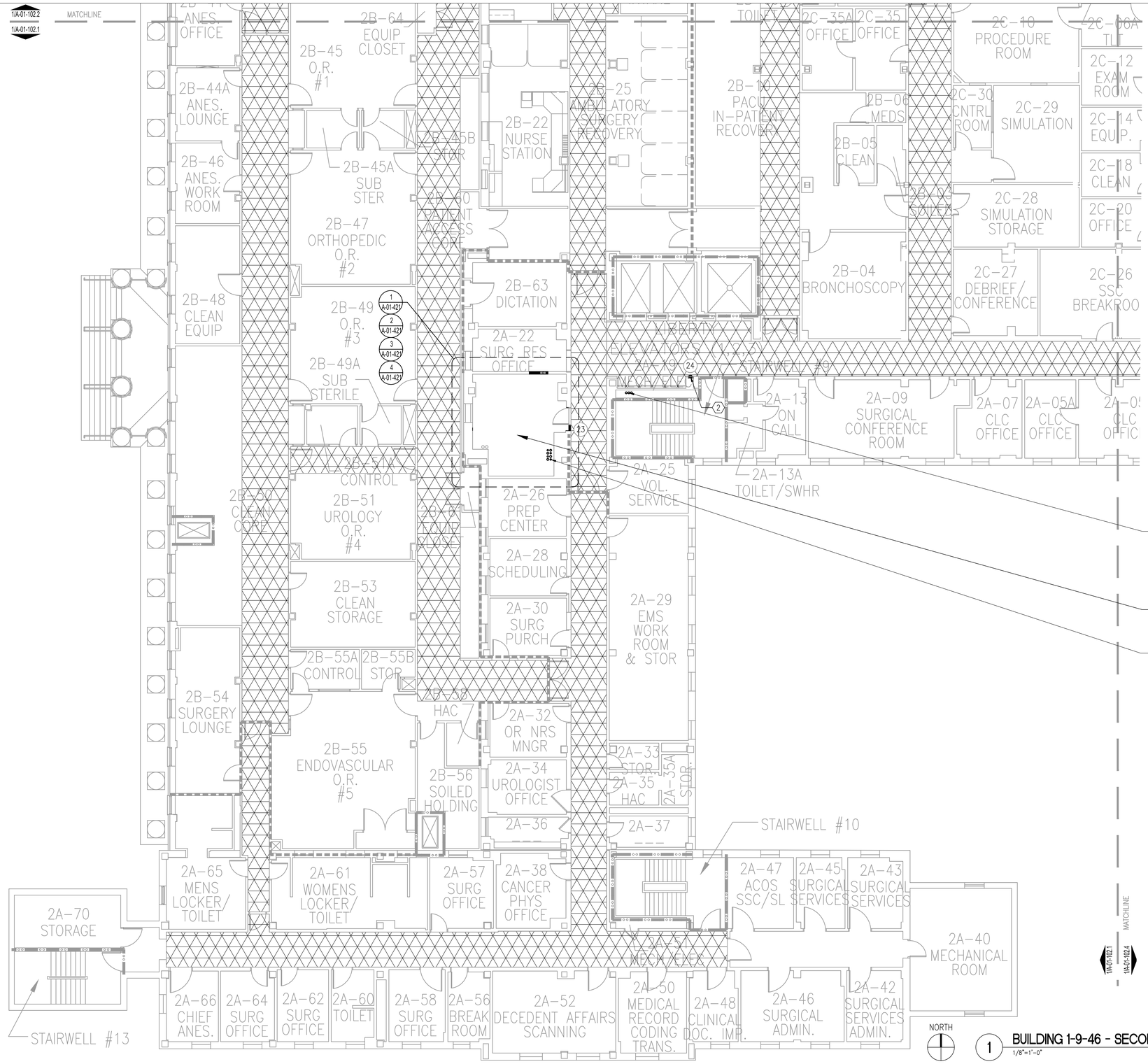
Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205
Building Number: 01-09-46
Drawing Number: A-01-102

VA FORM 08 - 6231

K:\CCG_PROJECTS\20\18-121 98C263190D044 YISN 23 IDIQ (North Dakota • Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-102.dwg 3/16/2022 9:47:37 AM



1 BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 1
1/8"=1'-0"

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

X DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

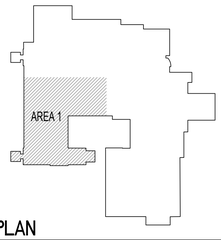
X FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 1

SHEET 47 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

Location: FARGO VA HEALTH CARE SYSTEM

Drawing Number: A-01-102.1

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

VA FORM 08 - 6231

K:\CCG_PROJECTS\20118-121 36C263190D044 YISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-102.1-5.dwg

3/10/2022 11:44:44 AM

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

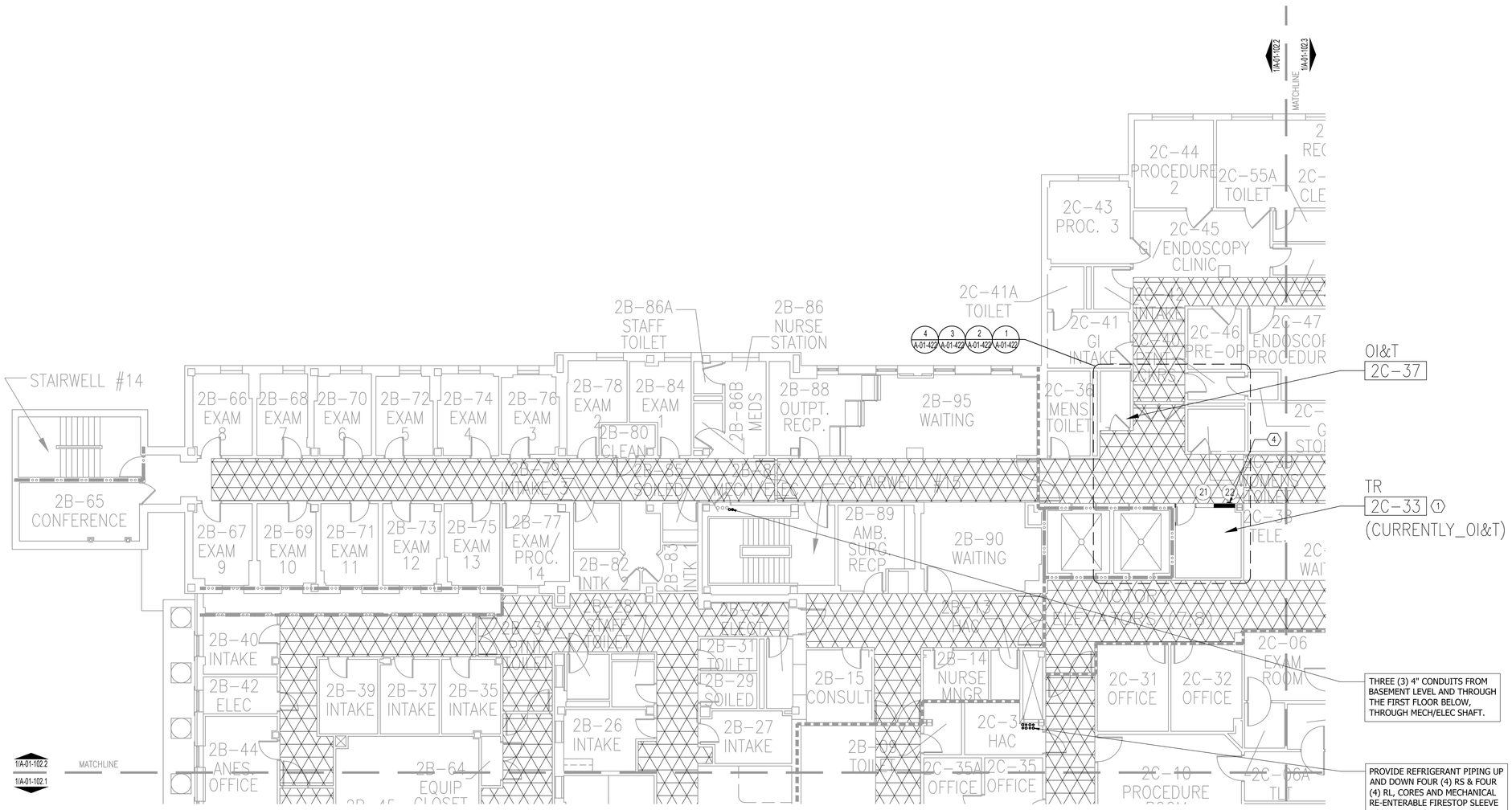
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.

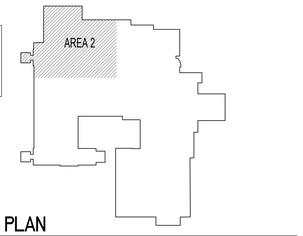


THREE (3) 4" CONDUITS FROM BASEMENT LEVEL AND THROUGH THE FIRST FLOOR BELOW, THROUGH MECH/ELEC SHAFT.

PROVIDE REFRIGERANT PIPING UP AND DOWN FOUR (4) RS & FOUR (4) RL, CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES. SEE MH-01-106

NORTH

1 BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 2
1/8"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP: LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 2

SHEET 48 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

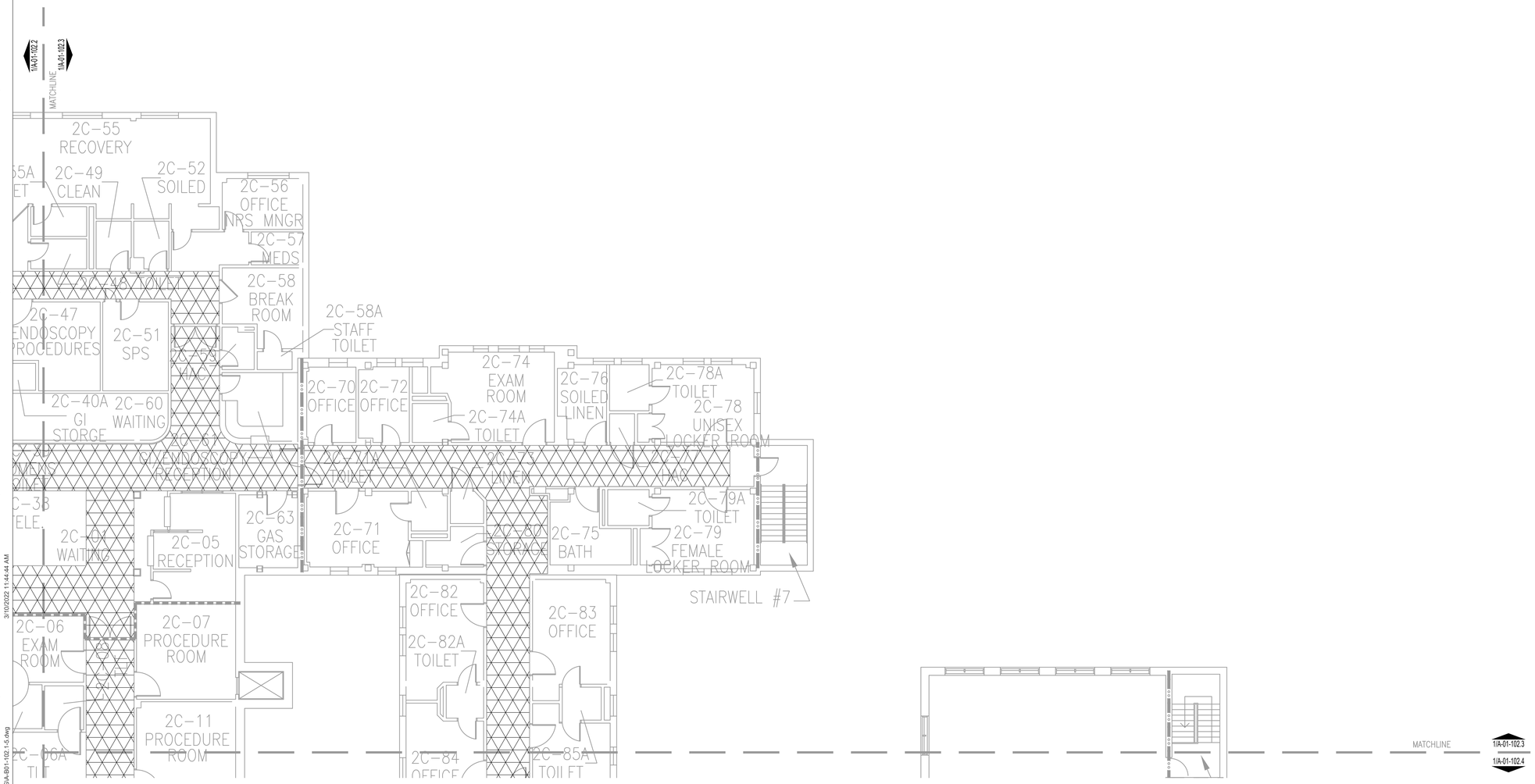
Project Number: 437-21-205

Building Number: 1-9-46

Drawing Number: A-01-102.2

K:\CCG_PROJECTS\2018\18-121 36C263\18D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-102.1-5.dwg 3/10/2022 11:44:44 AM

VA FORM 08 - 6231



NORTH

1 BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 3

1/64"=1'-0"

0 16' 32' 64' 128'

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

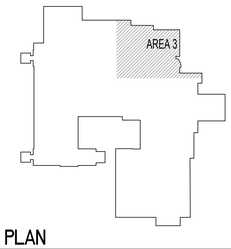
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN PETER GIN-BORRELLI 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 3

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

SHEET 49 OF 279

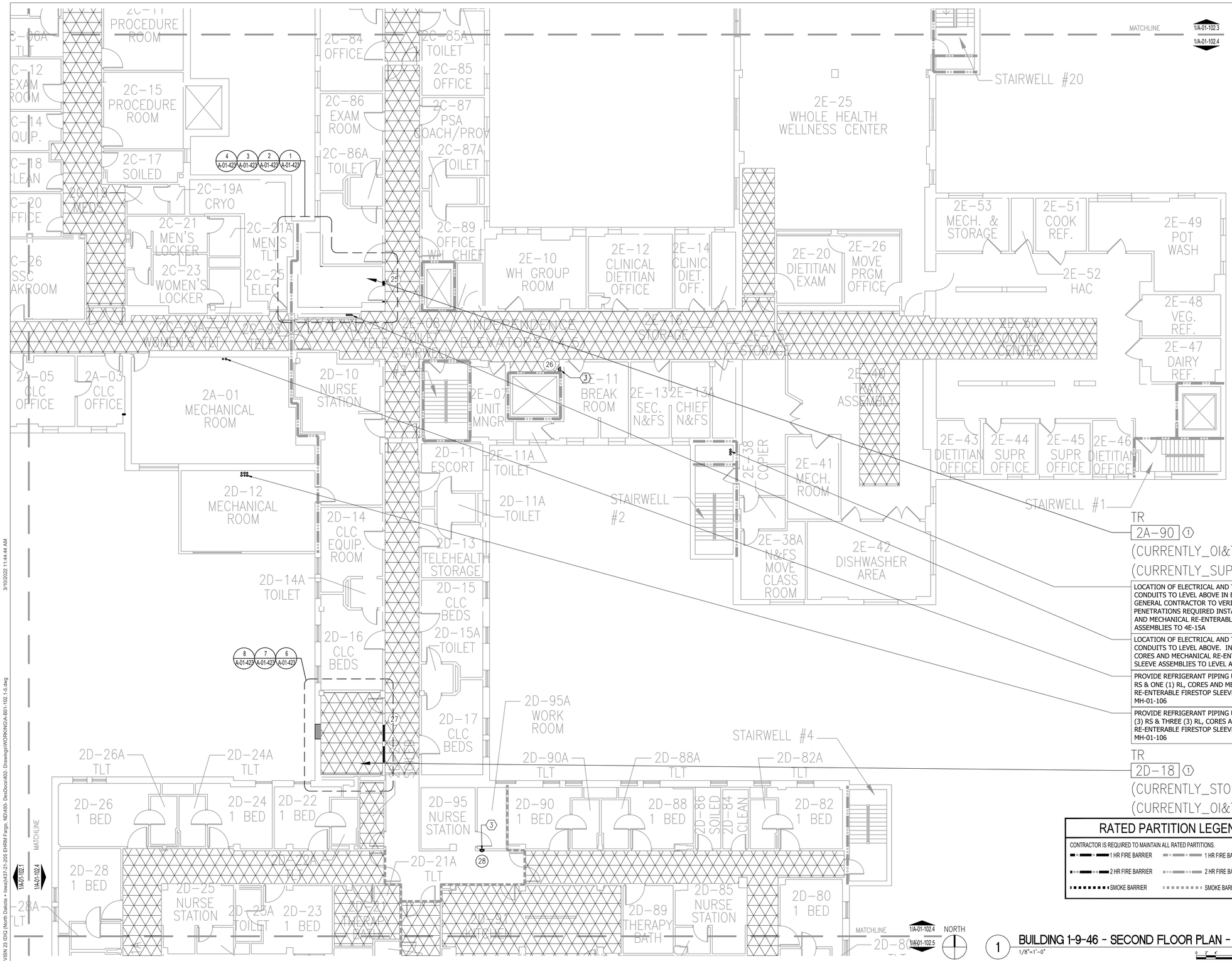
Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: CZ | Drawn: KK

Drawing Number: A-01-102.3

VA FORM 08 - 6231

K:\CCO_PROJECTS\2018\18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND-MOD. Dwg\Dwgs\WORK\NGVA-B01-102.1-5.dwg 3/10/2022 11:44:44 AM



1 BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 3
1/8"=1'-0"

LOCATION OF ELECTRICAL AND TELECOMMUNICATION CONDUITS TO LEVEL ABOVE IN EXISTING CHASE. GENERAL CONTRACTOR TO VERIFY. IF FLOOR PENETRATIONS REQUIRED INSTALL THREE (3) 4" CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES TO 4E-15A

LOCATION OF ELECTRICAL AND TELECOMMUNICATION CONDUITS TO LEVEL ABOVE. INSTALL THREE (3) 4" CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES TO LEVEL ABOVE.

PROVIDE REFRIGERANT PIPING UP AND DOWN ONE (1) RS & ONE (1) RL, CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES. SEE MH-01-106

PROVIDE REFRIGERANT PIPING UP AND DOWN THREE (3) RS & THREE (3) RL, CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES. SEE MH-01-106

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

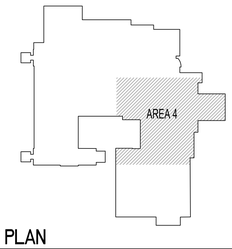
3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1 HR FIRE BARRIER	1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER	2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER	SMOKE BARRIER (EXISTING)



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 4

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

SHEET 50 OF 279

Location: FARGO VA HEALTH CARE SYSTEM

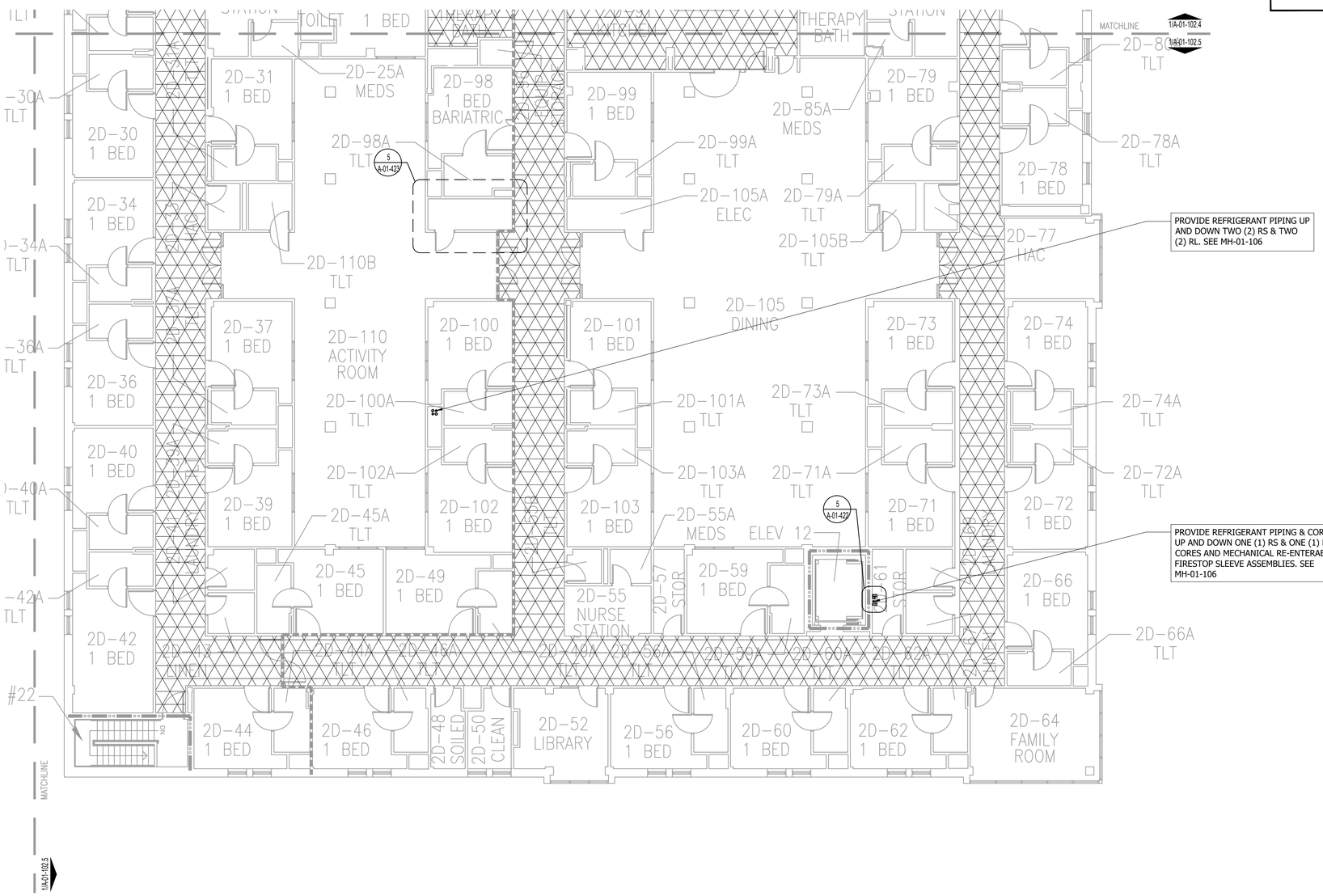
Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Drawing Number: A-01-102.4

K:\CCG_PROJECTS\2018\18-121 36C263\18D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-102.1-5.dwg

3/10/2022 11:44:44 AM

VA FORM 08 - 6231



NORTH

1 BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 5

1/8"=1'-0"

0 2' 4' 8' 16'

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

X DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

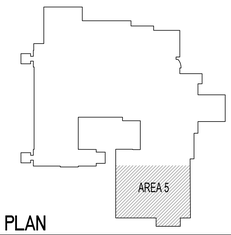
X FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - SECOND FLOOR PLAN - AREA 5

SHEET 51 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

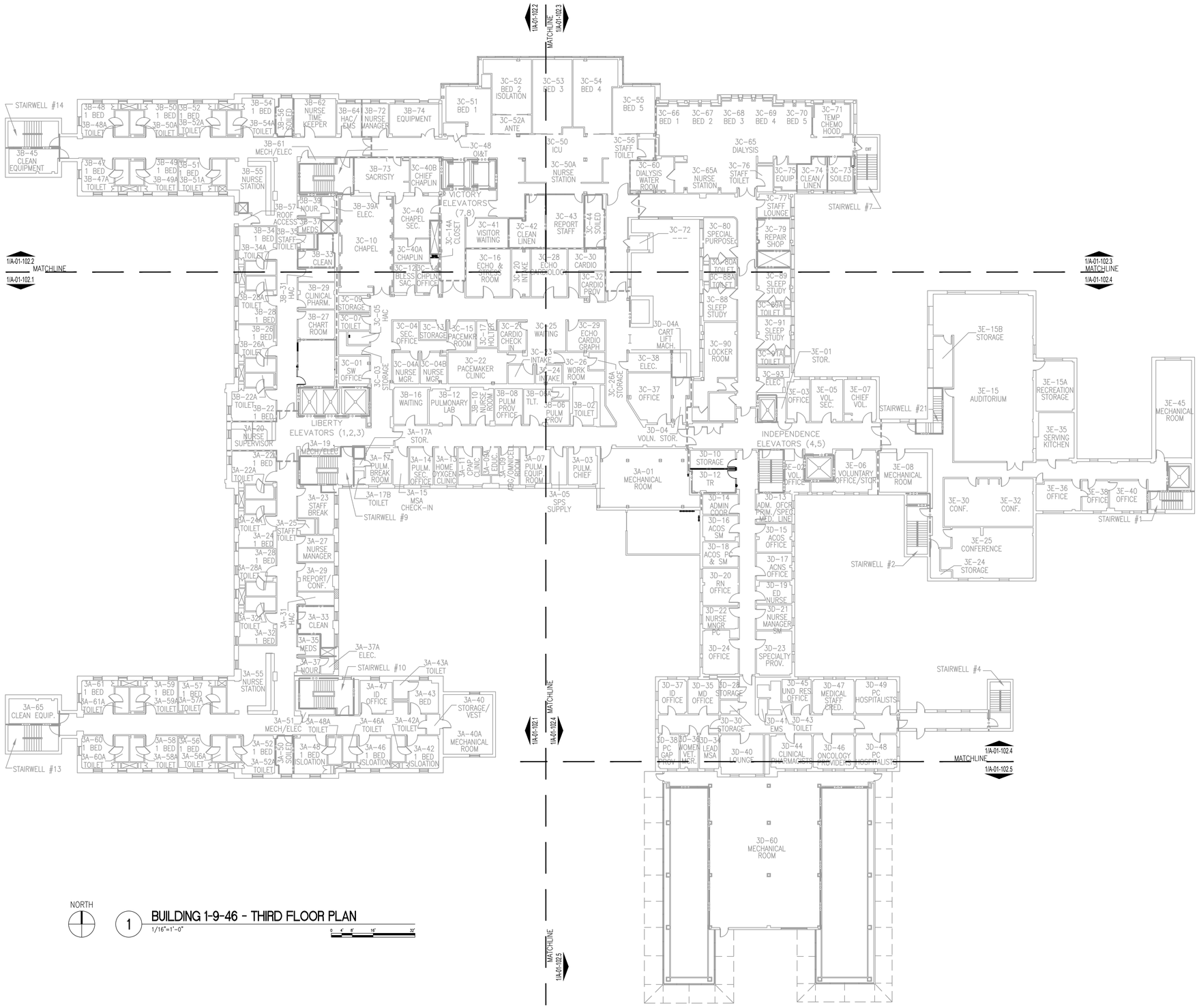
Project Number: 437-21-205

Building Number: 1-9-46

Drawing Number: A-01-102.5

K:\CCG_PROJECTS\20\18\18-121 36C263180D044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\440- DesDocs\402- Drawings\WORKING\A-B\01-102.1-5.dwg 3/10/2022 11:44:44 AM

VA FORM 08 - 6231



1 BUILDING 1-9-46 - THIRD FLOOR PLAN
1/16"=1'-0"

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - THIRD FLOOR PLAN

SHEET 52 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

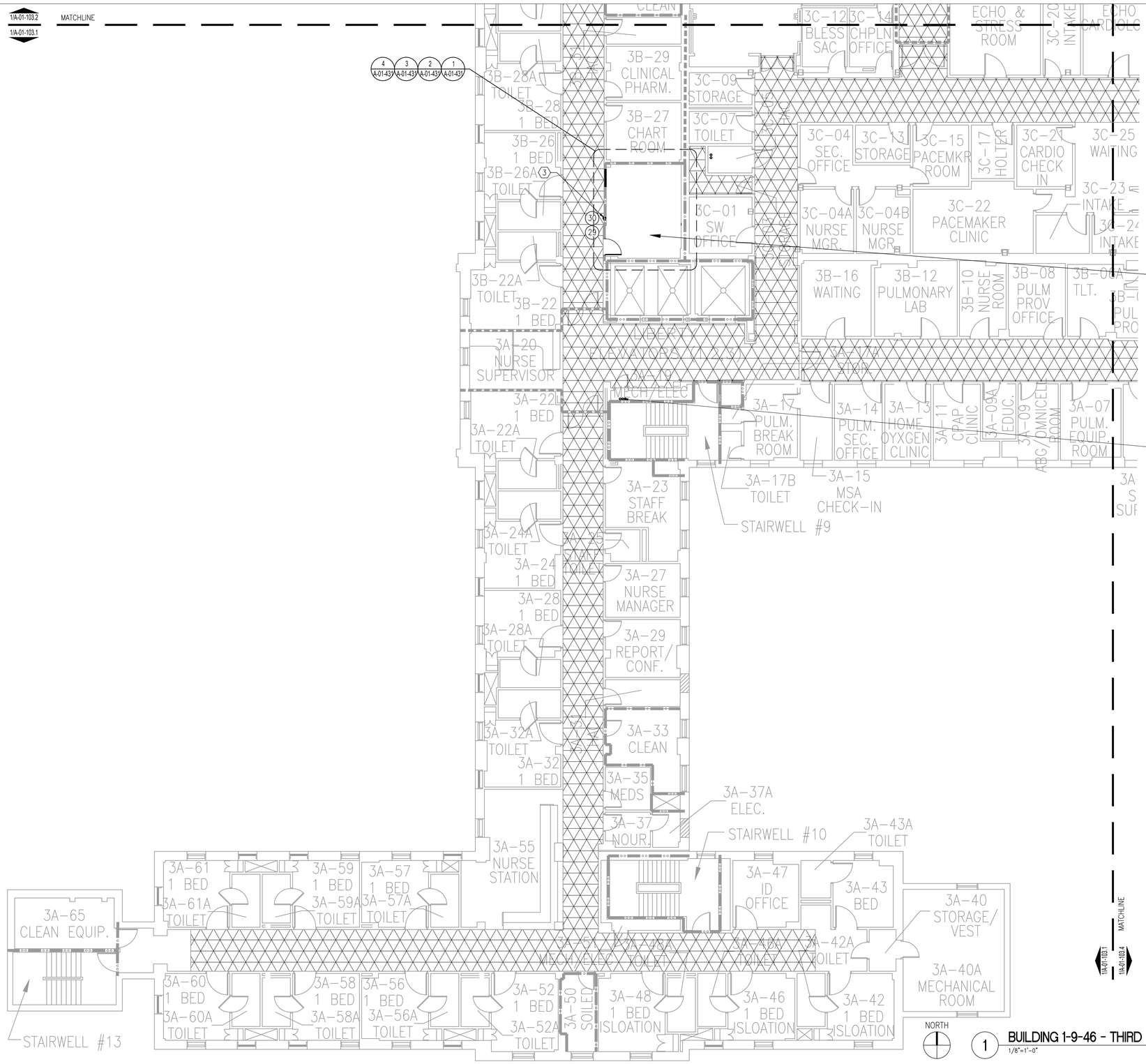
Project Number: 437-21-205

Building Number: 01-09-46

Drawing Number: A-01-103

VA FORM 08 - 6231

K:\CCG_PROJECTS\2018\18-121 36C263\19\00044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- Dwg\Dwgs\WORKING\A-B01-103.dwg 3/1/2022 2:08:28 PM



1 BUILDING 1-9-46 - THIRD FLOOR PLAN - AREA 1
1/8"=1'-0"

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

X DENOTES SIGNAGE LOCATION. REFER TO SHEET A5-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET G101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

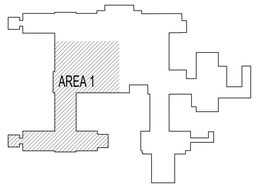
X FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - THIRD FLOOR PLAN - AREA 1

SHEET 53 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205

Building Number: 1-9-46

Drawing Number: A-01-103.1

K:\CCG_PROJECTS\20181821 36C263190D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-103.1-5.dwg 3/13/2022 2:28:34 PM

VA FORM 08 - 6231

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

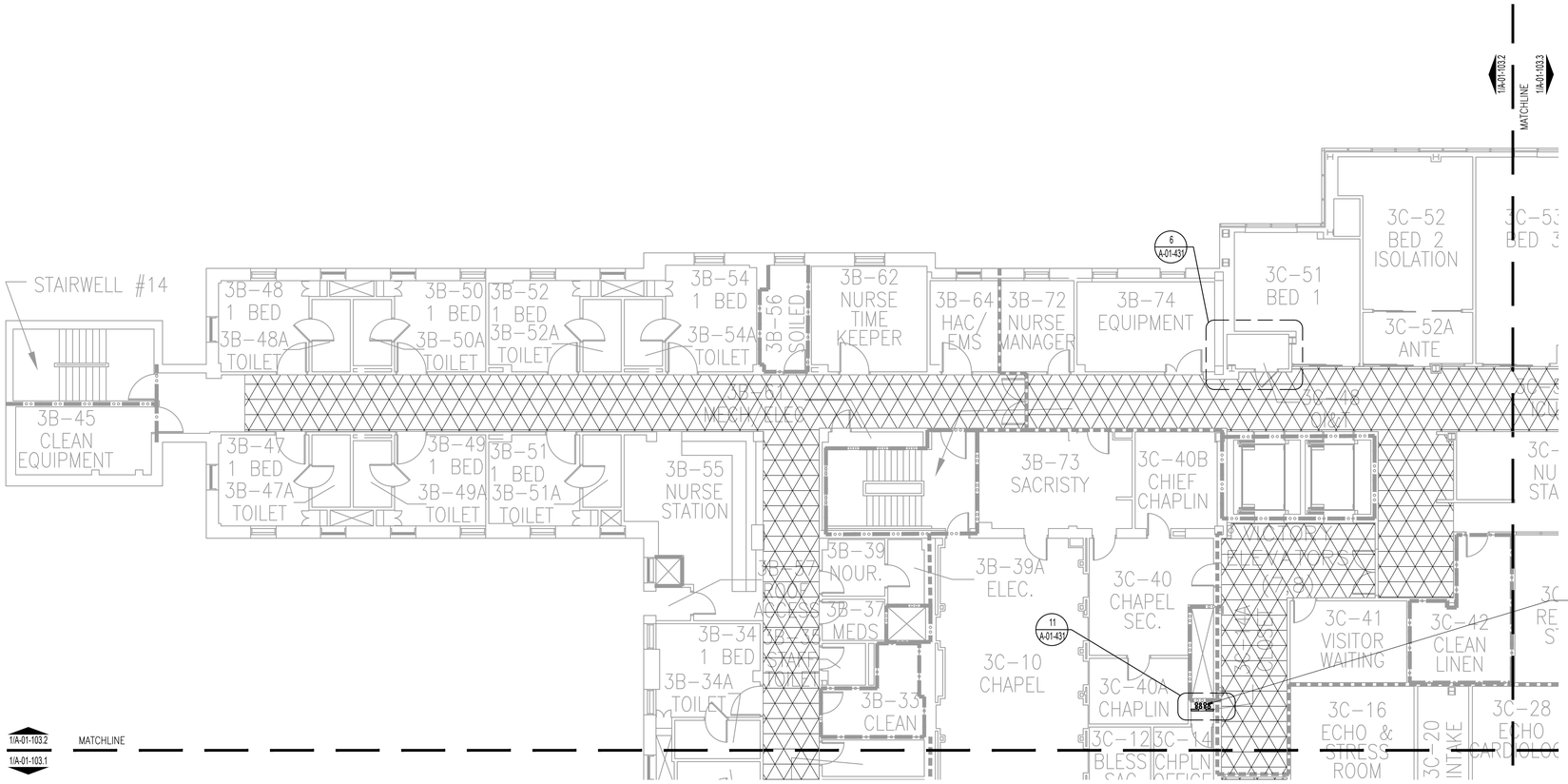
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.

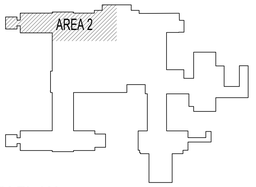


PROVIDE REFRIGERANT PIPING & CORE UP AND DOWN FOUR (4) RS & FOUR (4) RL, CORES AND MECHANICAL RE-ENTERABLE FIRESTOP SLEEVE ASSEMBLIES. SEE MH-01-106

NORTH

1 BUILDING 1-9-46 - THIRD FLOOR PLAN - AREA 2

1/8"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3078 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - THIRD FLOOR PLAN - AREA 2

SHEET 54 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

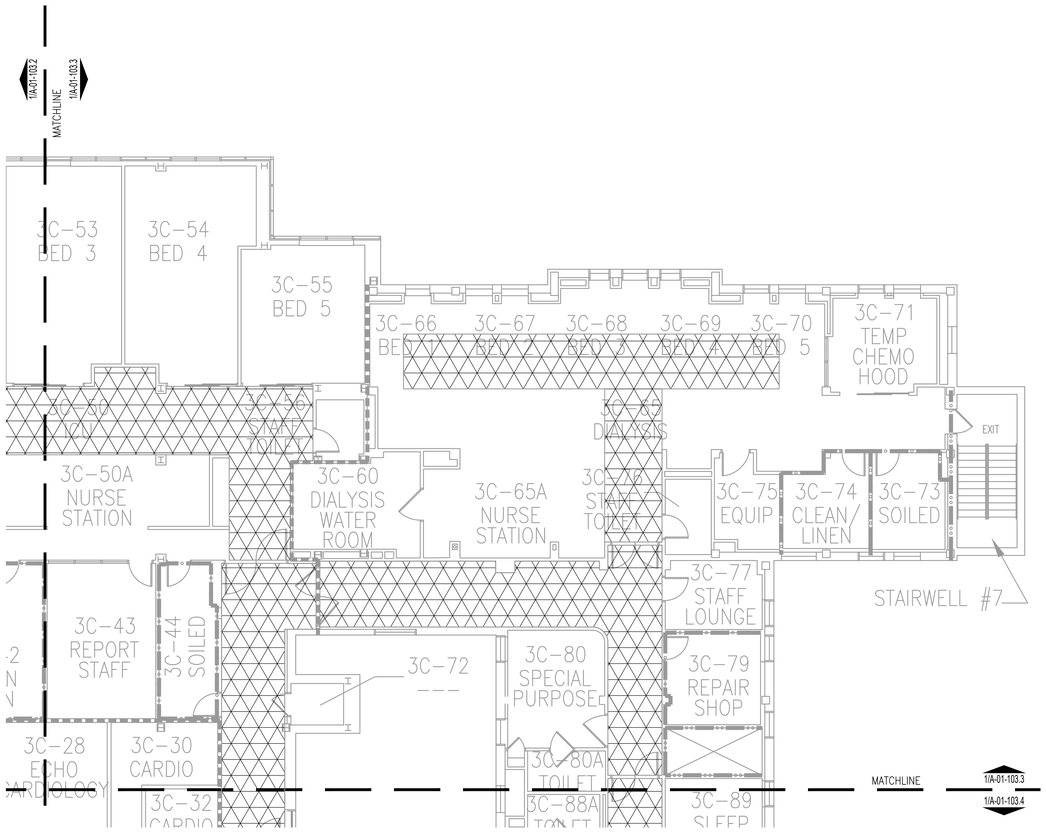
Project Number: 437-21-205

Building Number: 1-9-46

Drawing Number: A-01-103.2

K:\CCG_PROJECTS\2018\18-121 36C263180D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-103.1-5.dwg 3/18/2022 2:28:34 PM

VA FORM 08 - 6231



NORTH

1 BUILDING 1-9-46 - THIRD FLOOR PLAN - AREA 3

1/64"=1'-0"

0 16" 32" 64" 128"

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

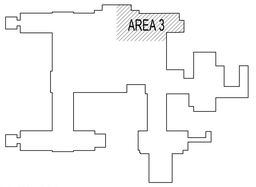
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - THIRD FLOOR PLAN - AREA 3

SHEET 55 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022

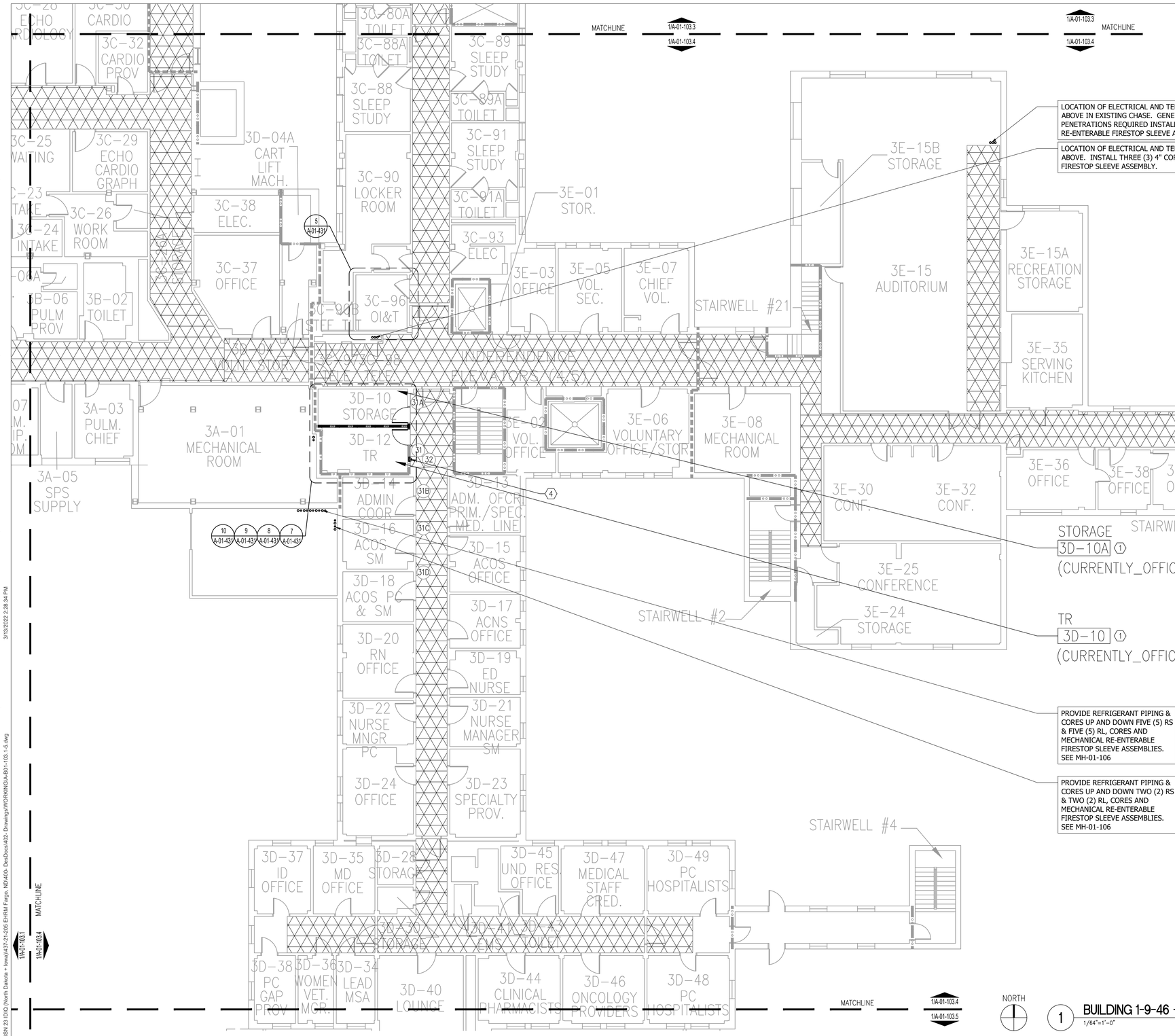
Checked: CZ

Drawn: KK

Drawing Number: A-01-103.3

K:\CCG_PROJECTS\2018\18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\450- DesDocs\402- Drawings\WORKING\A-B61-103.1-5.dwg 3/13/2022 2:26:34 PM

VA FORM 08 - 6231



RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

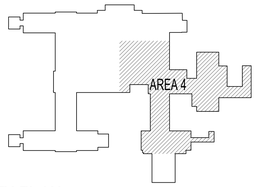
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



NORTH

1 BUILDING 1-9-46 - THIRD FLOOR PLAN - AREA 4
1/64"=1'-0"

N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROMBACH 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - THIRD FLOOR PLAN - AREA 4

SHEET 56 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205

Building Number: 1-9-46

Drawing Number: A-01-103.4

VA FORM 08 - 6231

K:\CCG_PROJECTS\2018\18-121 36C263180D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-103.1-5.dwg 3/18/2022 2:28:34 PM

GENERAL DEMOLITION NOTES

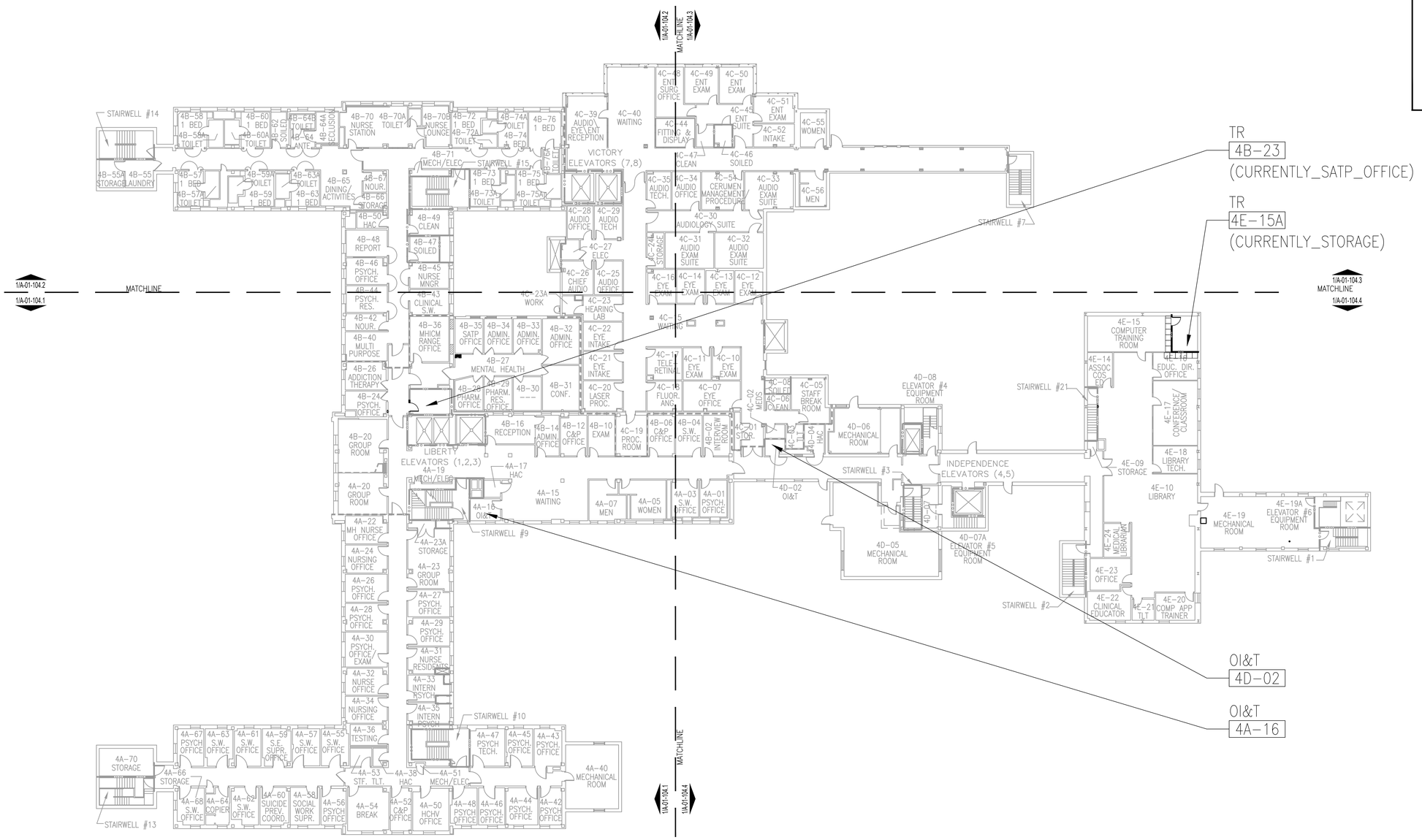
A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.



NORTH

1 BUILDING 1-9-46 - FOURTH FLOOR PLAN

1/16"=1'-0"

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN DEGIN CORPORA 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FOURTH FLOOR PLAN

SHEET 57 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

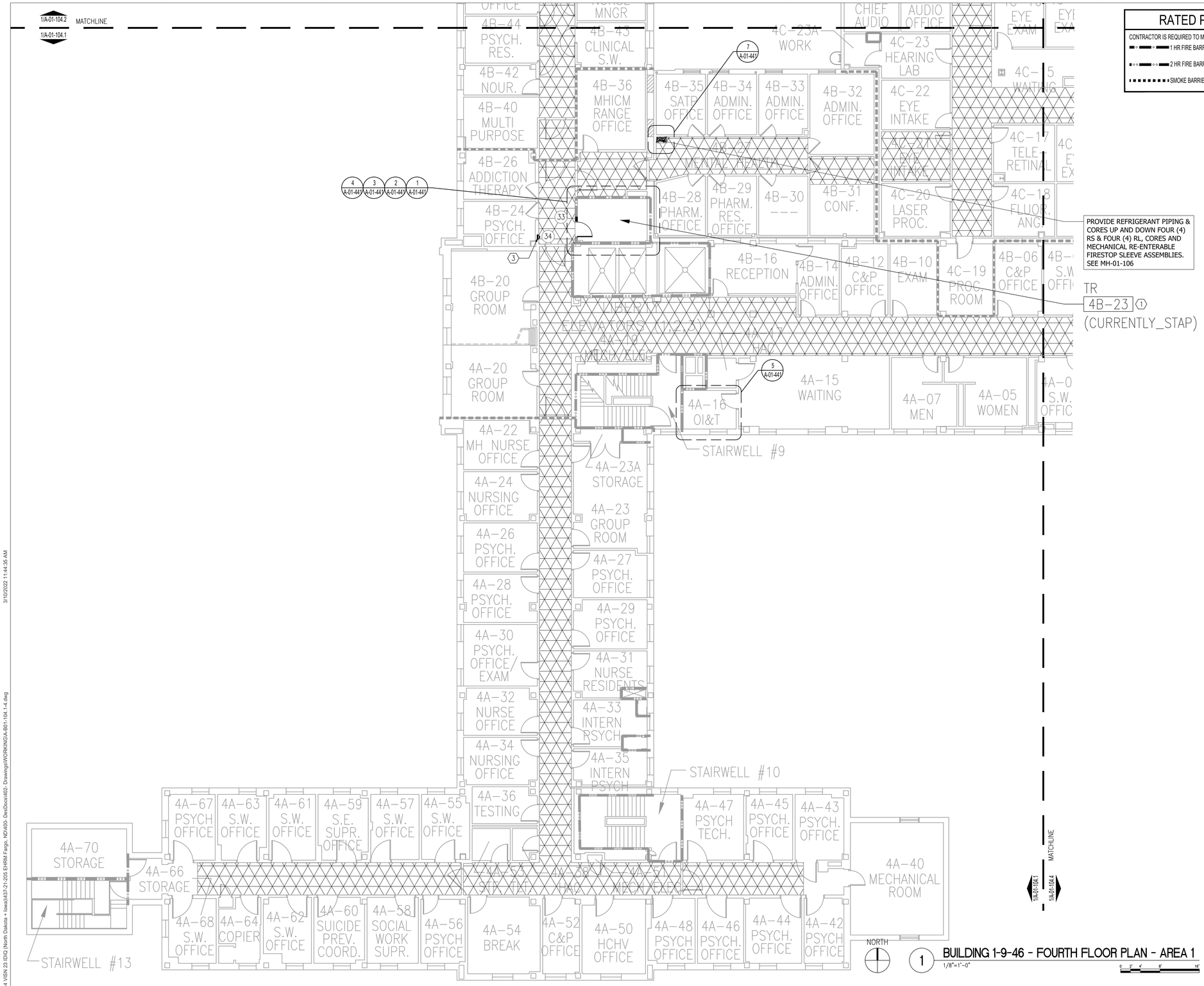
Project Number: 437-21-205

Building Number: 01-09-46

Drawing Number: A-01-104

VA FORM 08 - 6231

K:\CCO_PROJECTS\2018\18-121 36C26316D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND-MOb. Dwg\Dwgs\WORKING\A-B01-104.dwg 2/9/2022 3:06:30 PM



1 BUILDING 1-9-46 - FOURTH FLOOR PLAN - AREA 1
1/8"=1'-0"

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

X DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

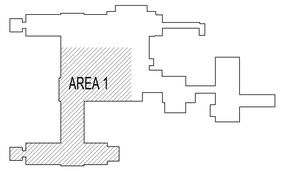
X FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FOURTH FLOOR PLAN - AREA 1

SHEET 58 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205

Building Number: 1-9-46

Drawing Number: A-01-104.1

K:\CCG_PROJECTS\2018\18-121 36C263190D044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-104.1-4.dwg 3/10/2022 11:44:35 AM

VA FORM 08 - 6231

SPECIAL NOTE

A. AREA OF WORK IS LOCATED IN PATIENT METAL HEALTH WARD. ANY AND ALL PERSONNEL ENTERING MUST HAVE ADDITIONAL TRAINING & AND APPROVAL FROM THE NURSE MANAGER.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

X DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

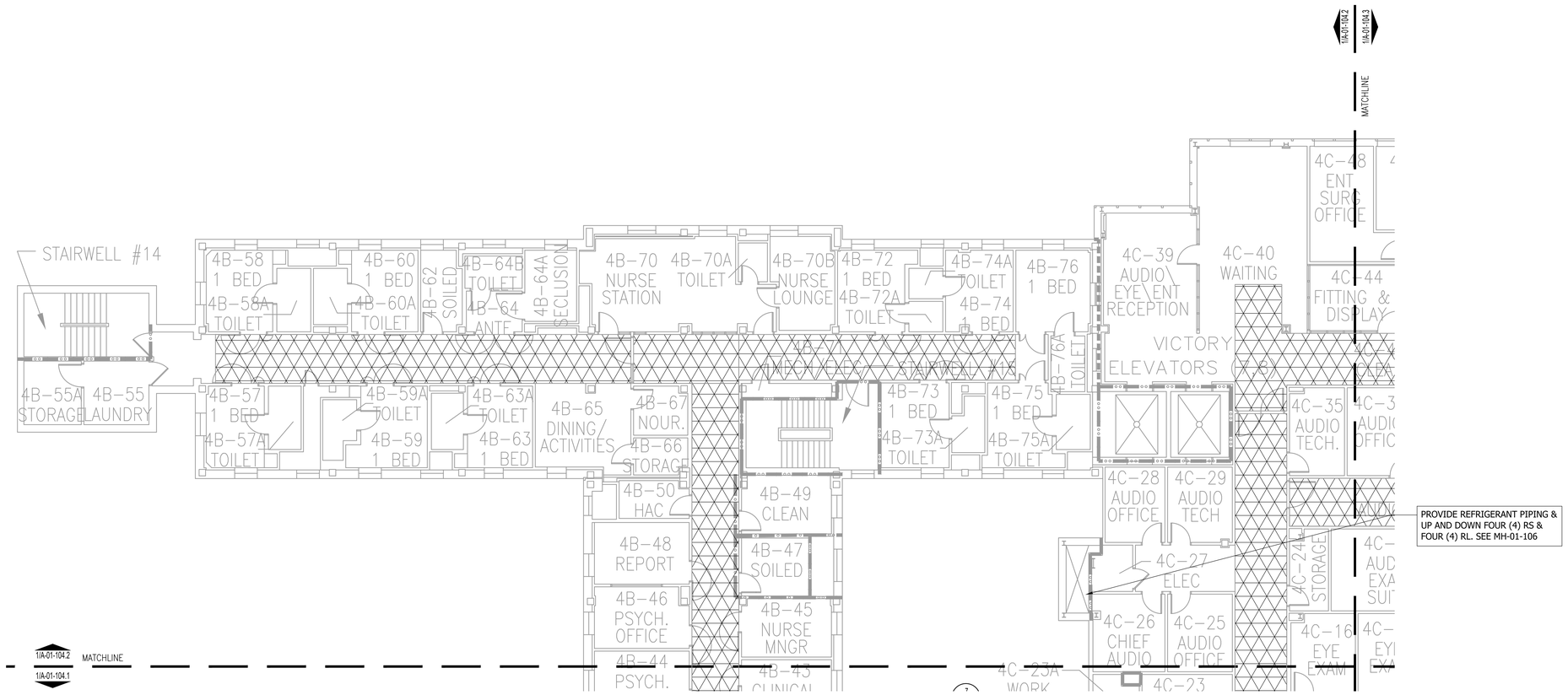
X FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

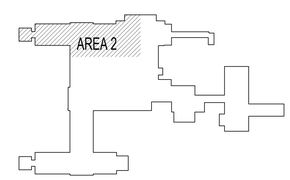
4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



NORTH

1 BUILDING 1-9-46 - FOURTH FLOOR PLAN - AREA 2

1/8"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FOURTH FLOOR PLAN - AREA 2

SHEET 59 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: CZ | Drawn: KK

Drawing Number: A-01-104.2

K:\CCG_PROJECTS\20\18\18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\465- DesDocs\402- Drawings\WORKING\A-B01-104.1-4.dwg 3/10/2022 11:44:35 AM

VA FORM 08 - 6231

SPECIAL NOTE

1. AREA OF WORK IS LOCATED IN PATIENT METAL HEALTH WARD. ANY AND ALL PERSONNEL ENTERING MUST HAVE ADDITIONAL TRAINING & AND APPROVAL FROM THE NURSE MANAGER.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK, PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

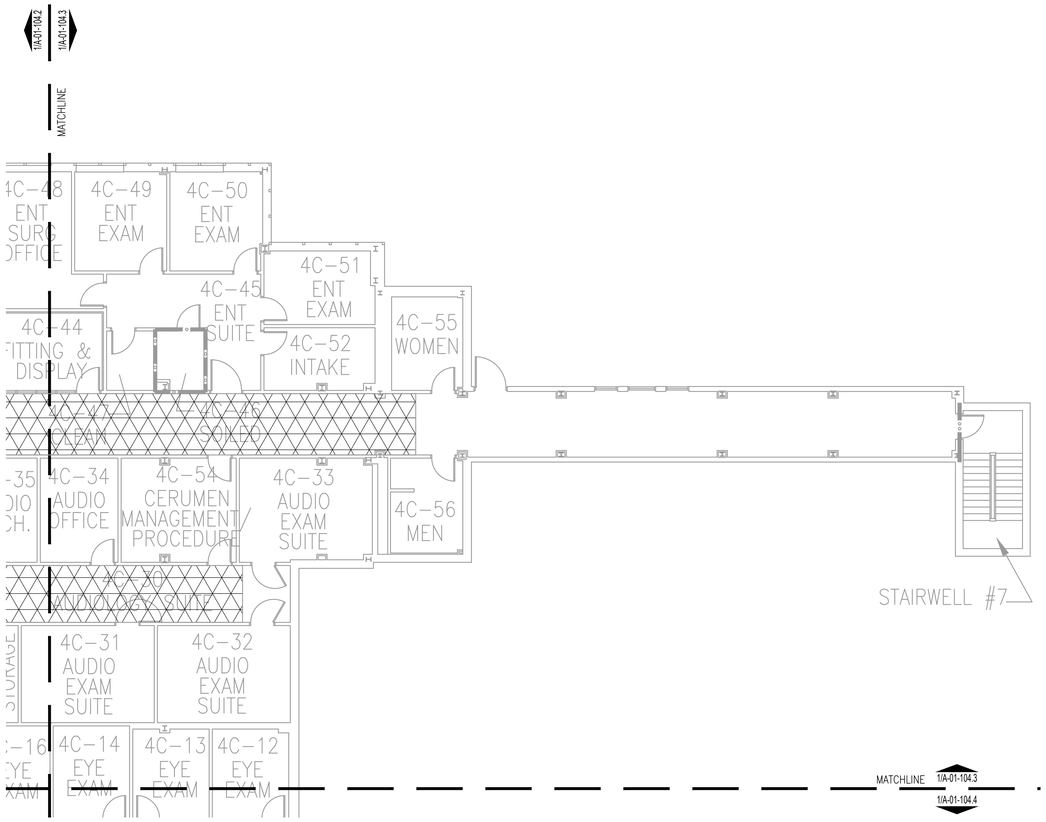
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

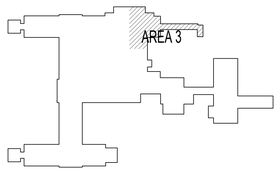
4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



NORTH

1 BUILDING 1-9-46 - FOURTH FLOOR PLAN - AREA 3

1/8"=1'-0"



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FOURTH FLOOR PLAN - AREA 3

SHEET 60 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: CZ | Drawn: KK

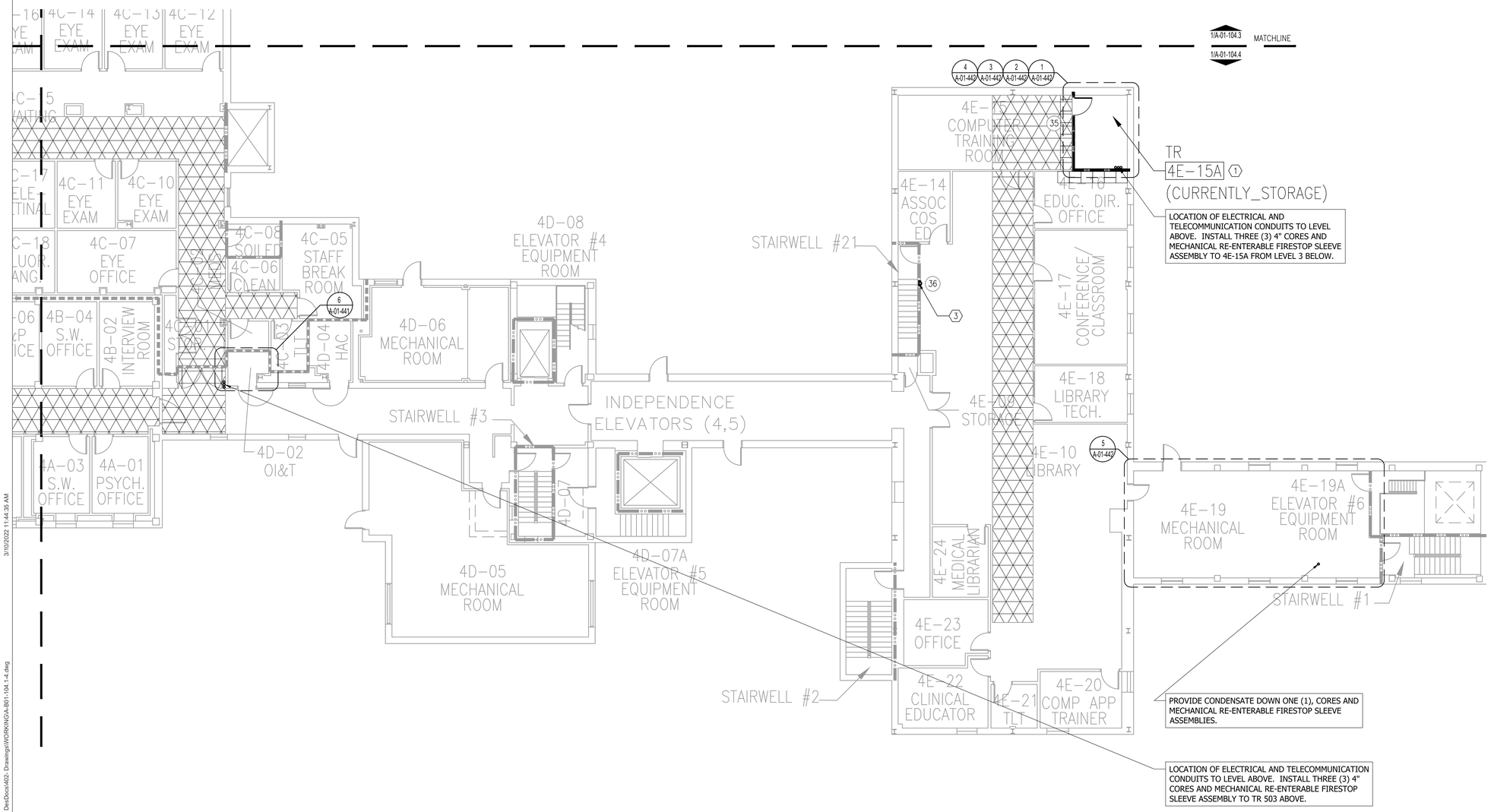
Project Number: 437-21-205

Building Number: 1-9-46

Drawing Number: A-01-104.3

K:\CCG_PROJECTS\20\18\18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\440- DesDocs\402- Drawings\WORKING\A-B01-104.1-4.dwg 3/10/2022 11:44:35 AM

VA FORM 08 - 6231



NORTH

1 BUILDING 1-9-46 - FOURTH FLOOR PLAN - AREA 2

1/8"=1'-0"

0 2' 4' 8' 16'

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

X CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

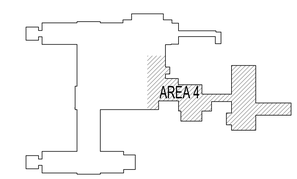
(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.932.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - FOURTH FLOOR PLAN - AREA 4

SHEET 61 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205

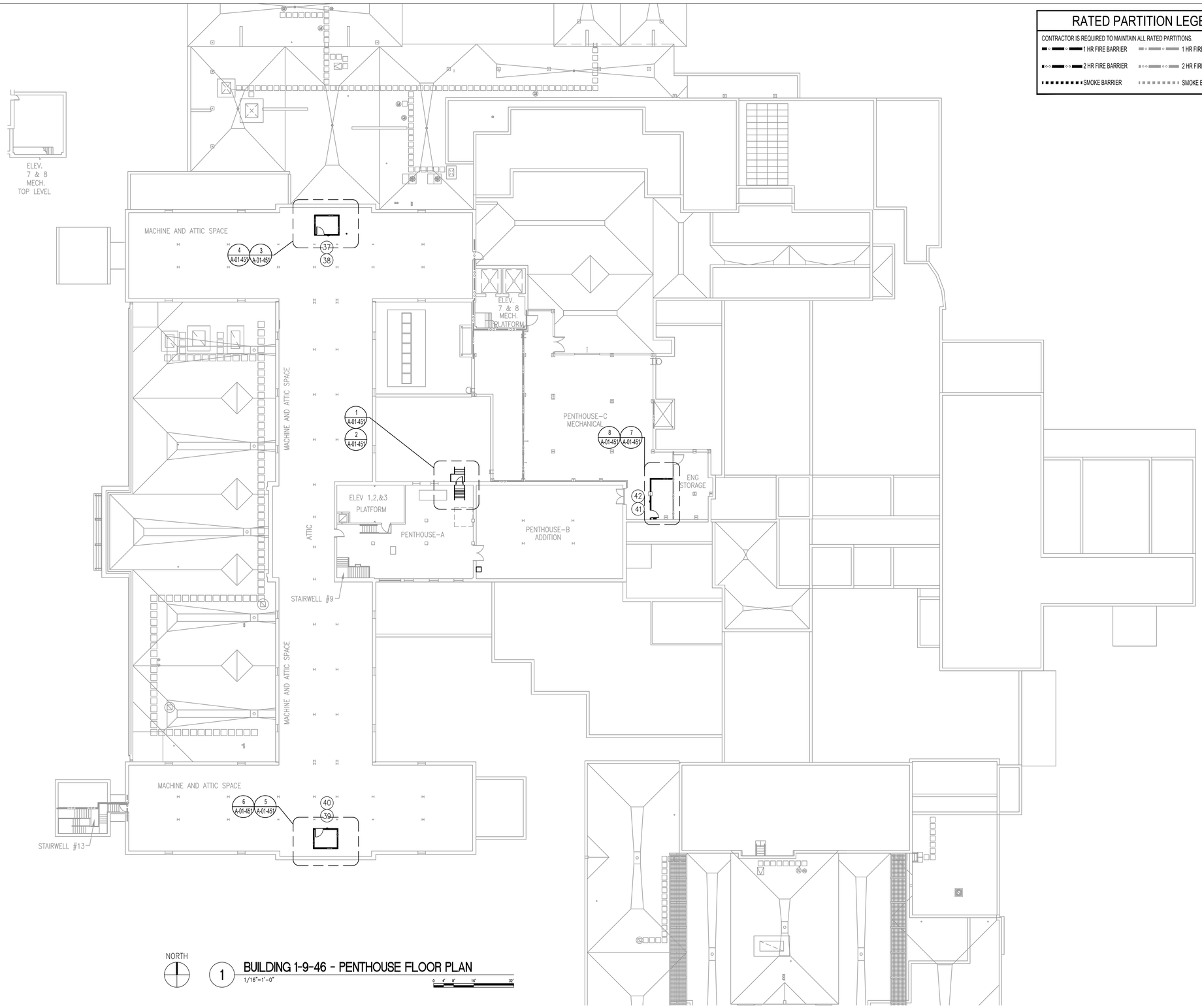
Building Number: 1-9-46

Drawing Number: A-01-104.4

K:\CCG_PROJECTS\2018\18-121 36C263190D044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-104.1-4.dwg

3/10/2022 11:44:35 AM

VA FORM 08 - 6231



NORTH

1 BUILDING 1-9-46 - PENTHOUSE FLOOR PLAN

1/16"=1'-0"

0 4' 8' 16' 32'

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)

GENERAL DEMOLITION NOTES

A. REFER TO TECHNOLOGY AND ELECTRICAL FOR FULL REQUIRED INSTALLATION AND DEMOLITION WORK

B. ALL EXISTING LIGHTING, CONDUIT, DUCTWORK, MECHANICAL GRILLS, & SPRINKLER HEADS TO REMAIN IN EXISTING LOCATIONS AND PROTECTED UNLESS OTHERWISE NOTED.

C. ANY ELECTRICAL FIXTURES AND DEVICES THAT ARE NOT IDENTIFIED ON THESE DRAWINGS IN THE AREAS OF CEILING DEMOLITION, ARE TO BE CAREFULLY REMOVED FROM THE CEILING, PROTECTED, TEMPORARILY HUNG AND THEN REATTACHED IN THE SAME LOCATIONS AS WHICH THEY WERE FOUND PRIOR TO DEMOLITION.

D. CONTRACTOR TO CAREFULLY REMOVE SECTIONS OF EXISTING CEILING TILE TO ALLOW FOR THE INSTALLATION OF ALL REQUIRED CONDUIT AND ELECTRICAL EQUIPMENT PER CONTRACT DRAWINGS. CONTRACTOR SHALL REINSTALL CEILING IN EXACT LOCATION. CONTRACTOR TO REPLACE ANY CEILING GRID/TILES DAMAGED DURING CONSTRUCTION, MATCHING EXISTING. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.

E. IF A RATED ASSEMBLY IS NOT INSTALLED BY END OF SHIFT IT MUST BE PROTECTED OVERNIGHT.

CEILING DEMOLITION LEGEND

1 KEYNOTE 1

x CEILING DEMOLITION KEY NOTES

1. REMOVE AND STORE CEILING TILES IN THIS AREA AS REQUIRED FOR MECHANICAL DUCTWORK, PIPING, ELECTRICAL CONDUIT, TECHNOLOGY EQUIPMENT AND/OR SECURITY INSTALLATION. REINSTALL TILES AND GRID WHEN WORK IS COMPLETED. REPLACE ANY DAMAGED TILES AND GRIDS TO MATCH EXISTING. G.C. SHALL TEMPORARILY ERECT A SUSPENDED PLASTIC BARRIER 6 MIL AROUND AREA OF CEILING WORK TO BE PERFORMED DURING ONE SHIFT AND G.C. SHALL REMOVE SUSPENDED PLASTIC BARRIER AT THE END OF SHIFT. G.C. SHALL MOP CLEAN THIS AREA OF WORK. PRIOR TO TURNING OVER AREA TO VA. AFTER WORK HOURS WILL REQUIRE ADDITIONAL COORDINATION WITH THE VA.

GENERAL PLAN NOTES

(X) DENOTES SIGNAGE LOCATION. REFER TO SHEET AS-601 FOR SIGNAGE SCHEDULE AND RELATED DETAILS.

A. ALL WORK ASSOCIATED WITH TEMPORARY CEILING REMOVAL AND INSTALLATION OF CABLING SHALL BE CONSIDERED AS NO MORE HAZARDOUS THAN NORMAL OPERATIONS. INFECTION CONTROL REQUIREMENTS FOR THIS WORK SHALL INCLUDE "VISQUEEN" TYPE BARRIER AROUND WORK AND/OR INFECTION CONTROL MODULES WITH VA STATION APPROVAL. CONTRACTOR SHALL ALSO ADHEAR TO "INFECTION CONTROL REQUIREMENTS BY ALL CLASSES" ON SHEET GI101.

B. AT LOCATION OF ALL CORES THROUGH FLOORS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES.

C. AT LOCATION OF CORES THROUGH RATED PARTITIONS INSTALL RE-ENTERABLE FIRESTOP ASSEMBLIES (TYP.)

D. CONTRACTOR TO LOCATE EXISTING REINFORCING PRIOR TO CORING FOR CONDUIT. DO NOT CUT REINFORCEMENT. CORES SHALL HAVE 4" CLEAR MINIMUM BETWEEN THEM. ADJUST CORE LOCATIONS AS NEEDED. AT LOCATIONS WITH MORE THAN TWO (2) CORES PASSING THROUGH A C.M.U. WALL, SPACE CORES AT 16" MINIMUM.

(X) FLOOR PLAN KEY NOTES

1. DOCUMENTATION MADE AVAILABLE TO A/E DOES NOT INDICATE WET USE AREA ABOVE ROOM PROGRAMMED TO BE TELECOMMUNICATIONS ROOM (TR).

2. REPLACE EXISTING A,B&C TYPE FIRE EXTINGUISHER WITH CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER.

3. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET SET IN NEW GYP. BD. ON METAL STUD ASSEMBLY (1-HR RATED)

4. INSTALL CLEAN AGENT A,B&C TYPE FIRE EXTINGUISHER IN SEMI-RECESSED CABINET IN EXISTING WALL WRAP CABINET IN TYPE 'X' GYPSUM BOARD.

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL -- BUILDING 1-9-46 - PENTHOUSE LEVEL PLAN

SHEET 62 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

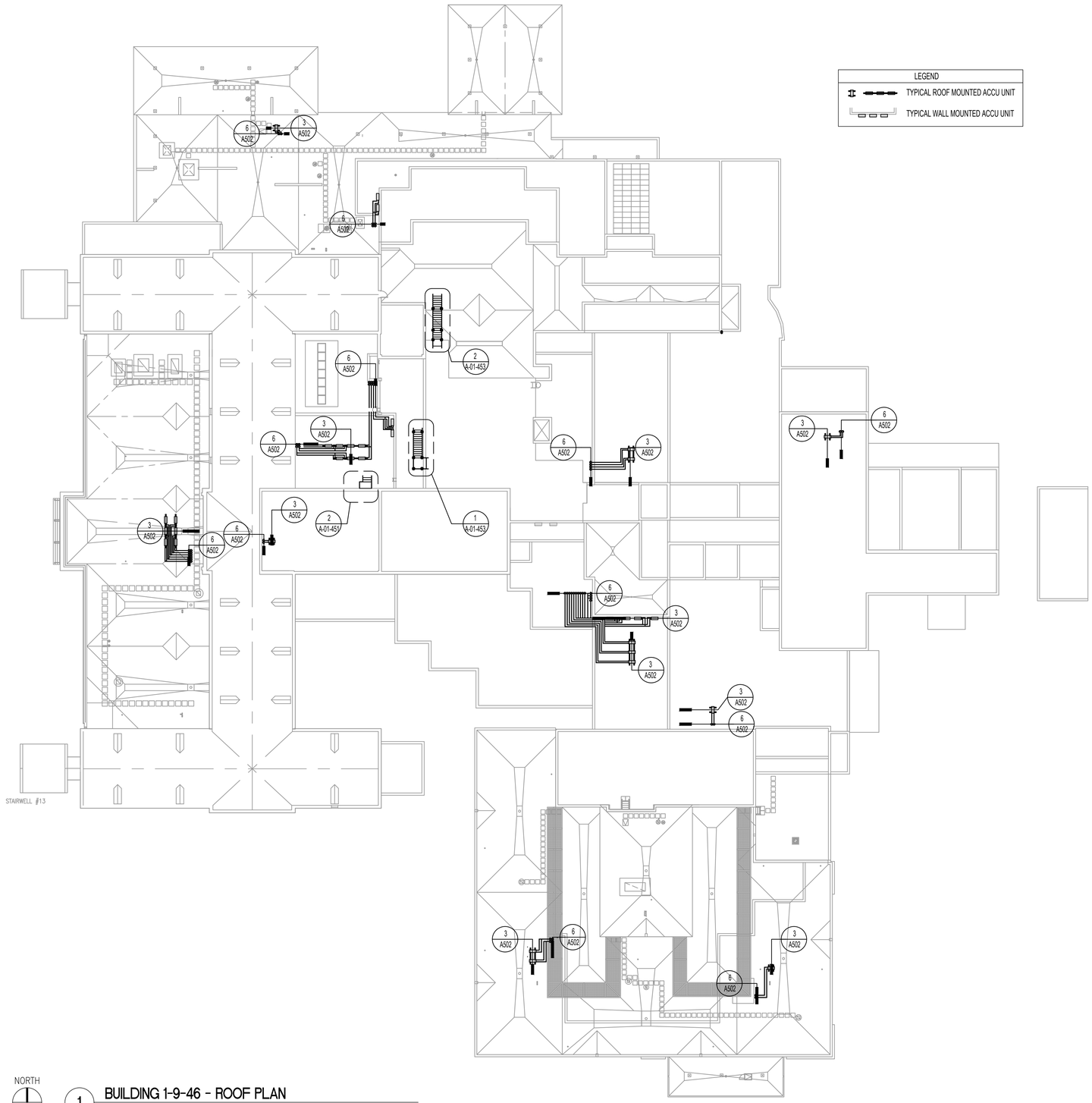
Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Drawing Number: A-01-105

K:\CCG_PROJECTS\2018\18-121 96\2831\900044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B911-105.dwg 3/18/2022 2:37:34 PM

VA FORM 08 - 6231



1 BUILDING 1-9-46 - ROOF PLAN
NTS

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN KOMPAS 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL- BUILDING 1-9-46 - ROOF PLAN

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

SHEET 64 OF 279

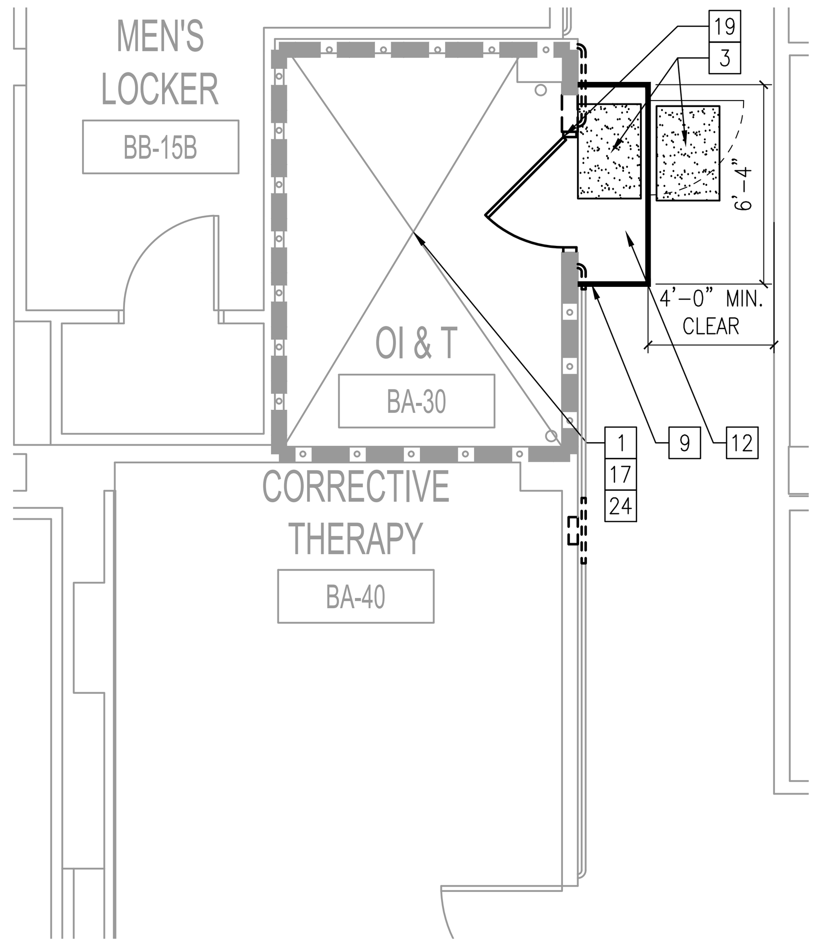
Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

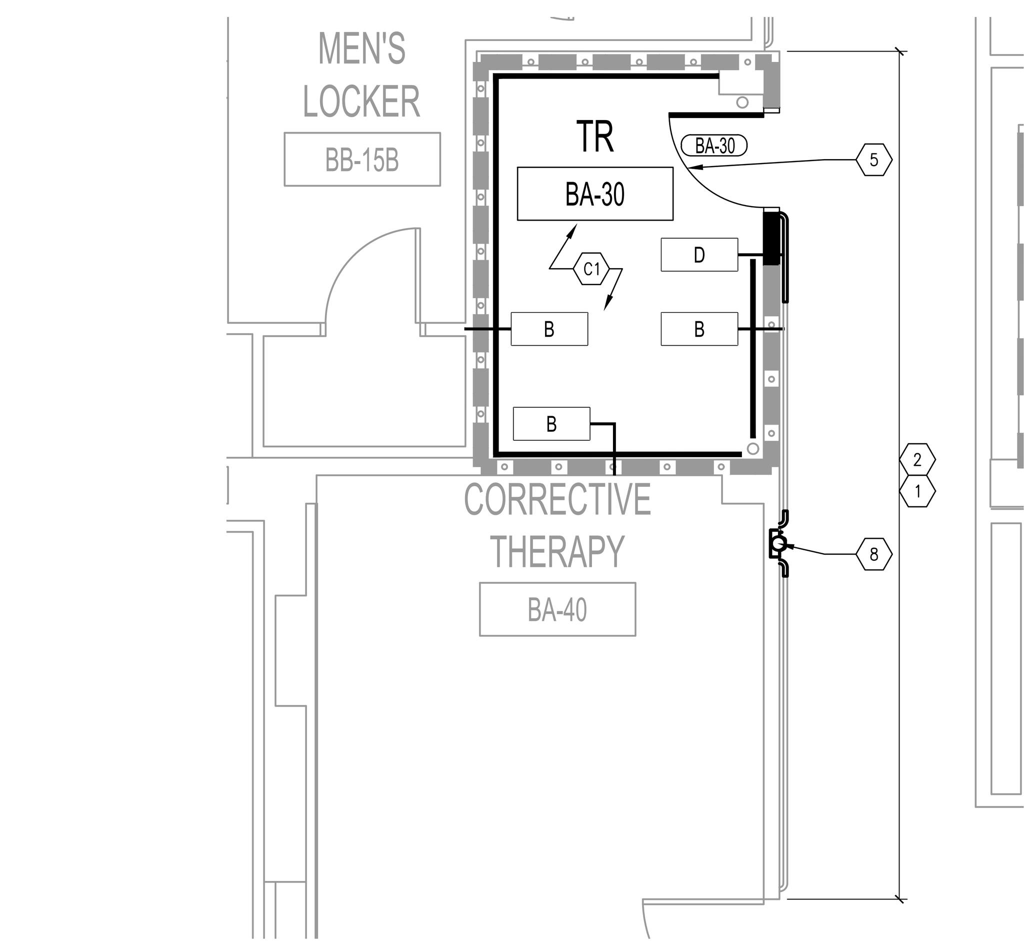
Drawing Number: A-01-106

K:\CCO_PROJECTS\2018\18-121 36C26315D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DwsDocs\402- Drawings\WORKING\A-B01-106.dwg 3/13/2022 2:16:18 PM

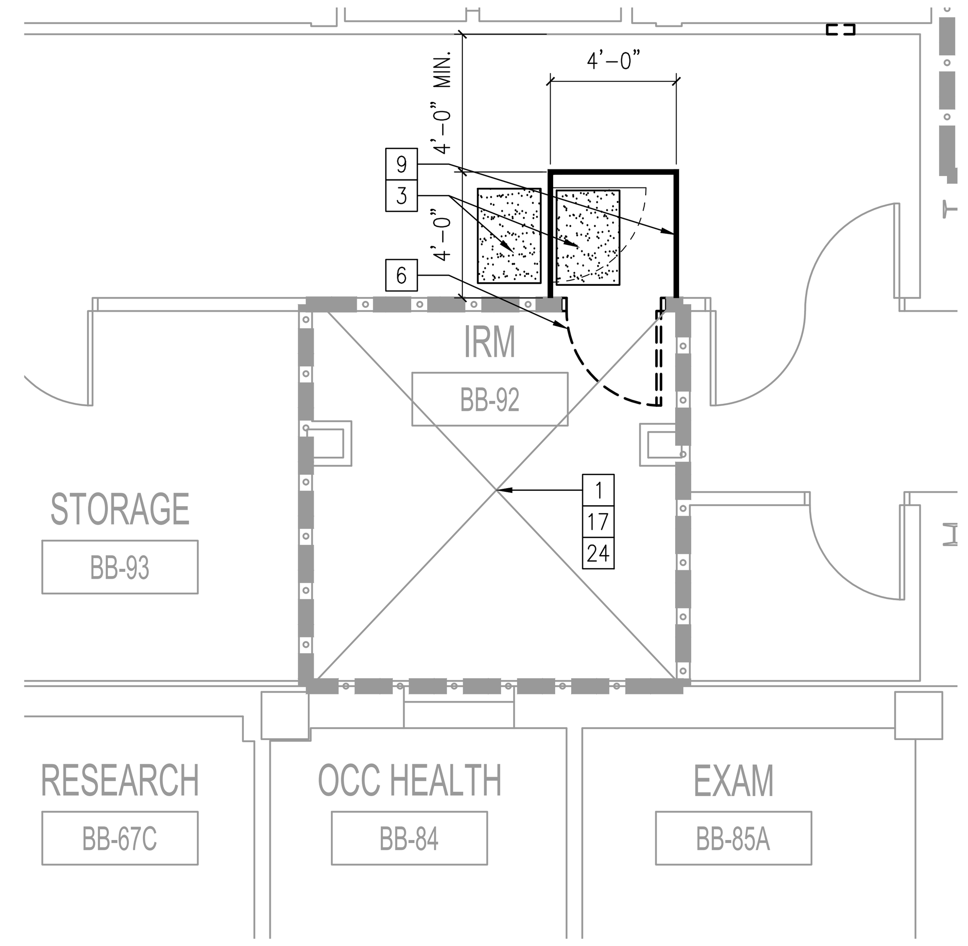
VA FORM 08 - 6231



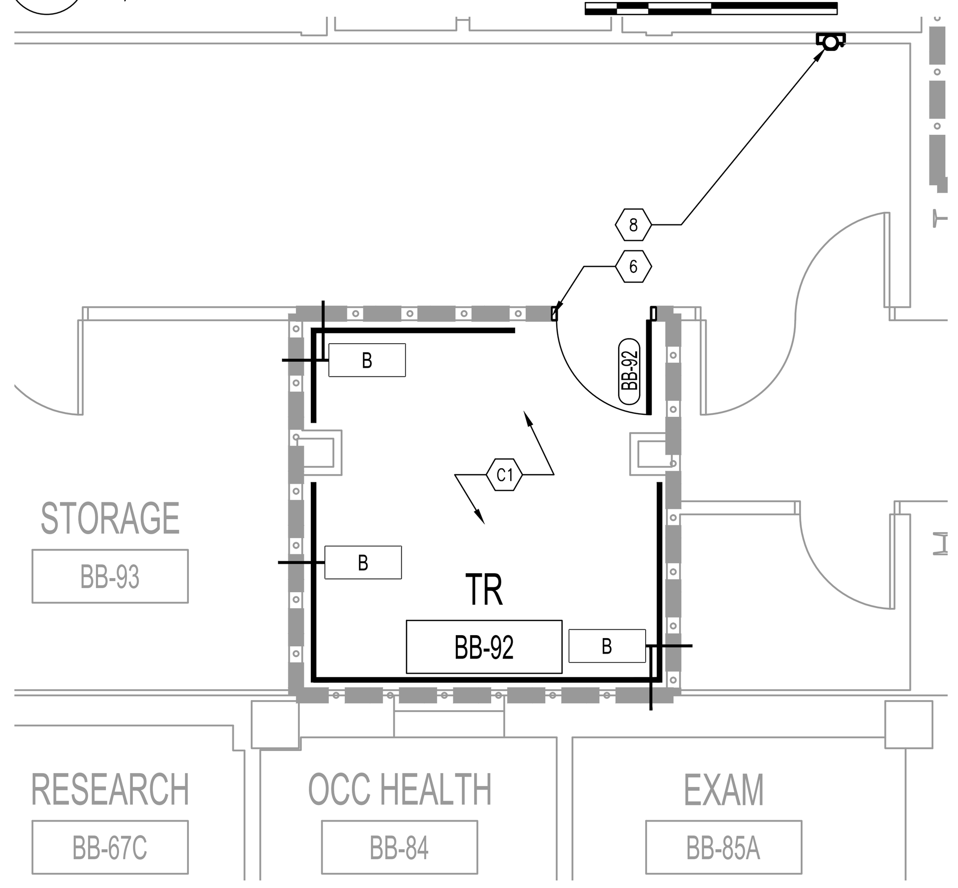
1 BUILDING 09 - ENLARGED DEMOLITION PLAN RM BA-30
1/4"=1'-0"



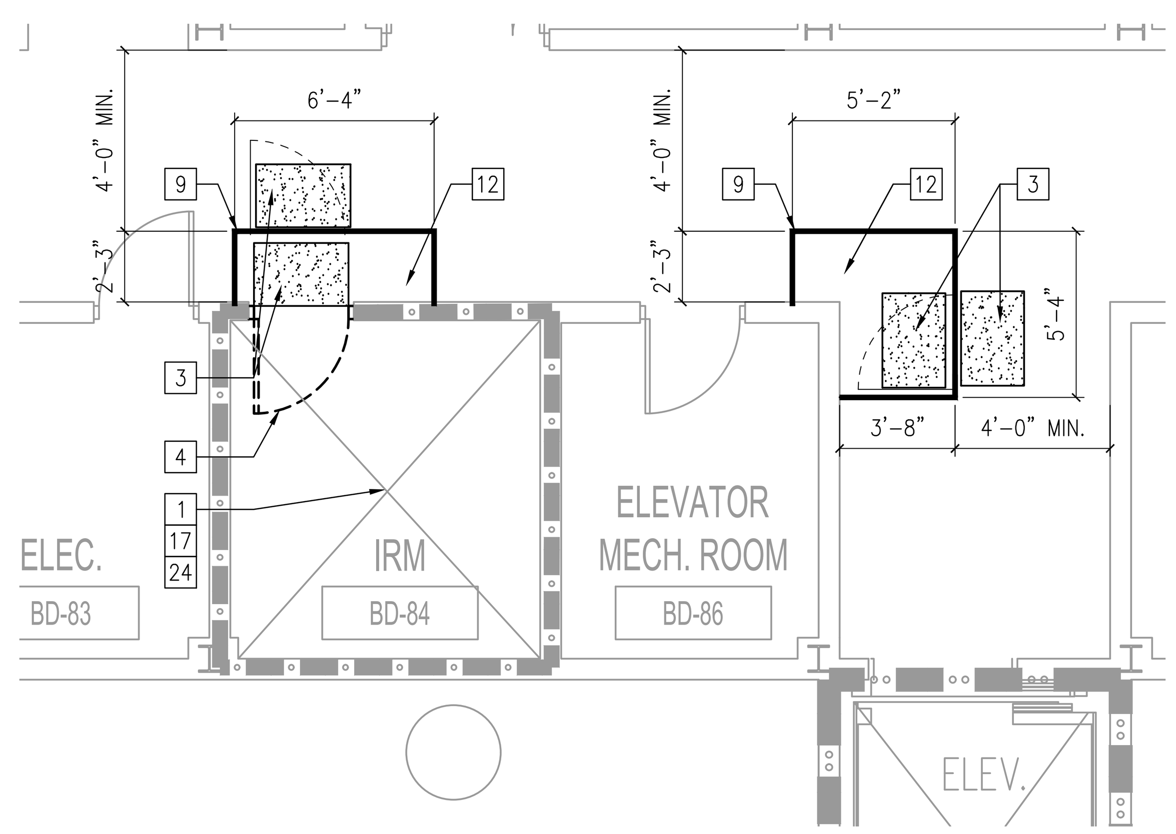
2 BUILDING 09 - (CURRENTLY OI+T) ENLARGED PLAN RM BA-30
1/4"=1'-0"



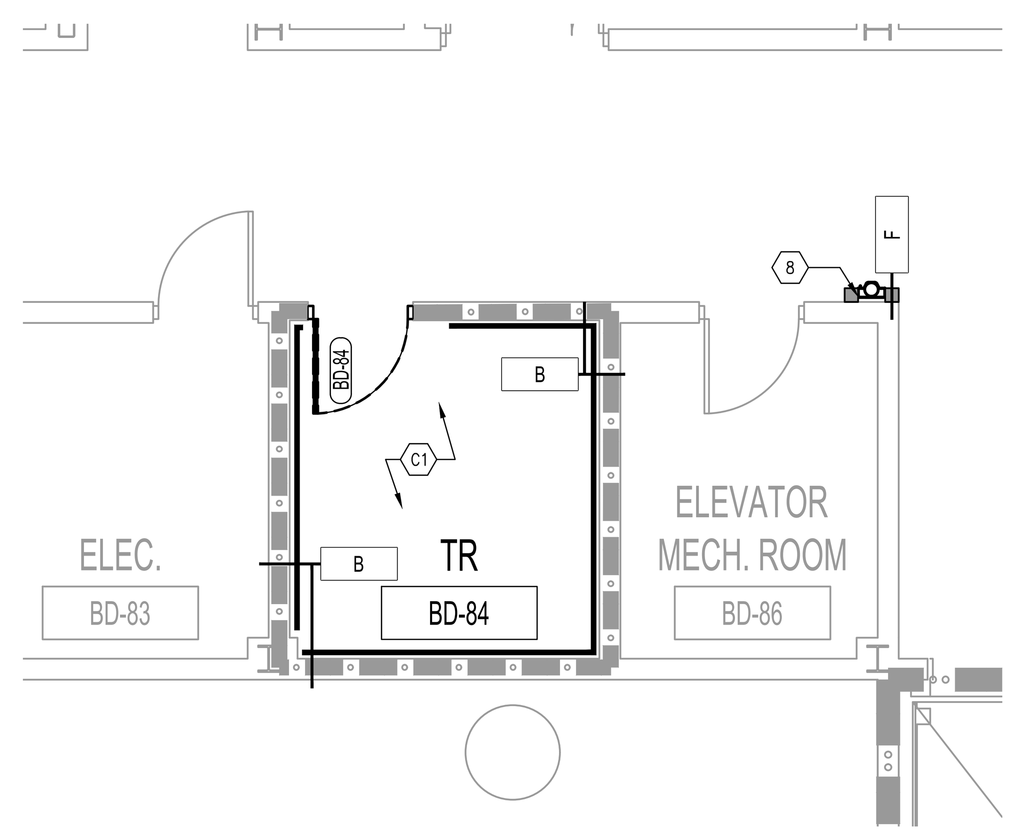
3 BUILDING 09 - ENLARGED DEMOLITION PLAN RM BB-92
1/4"=1'-0"



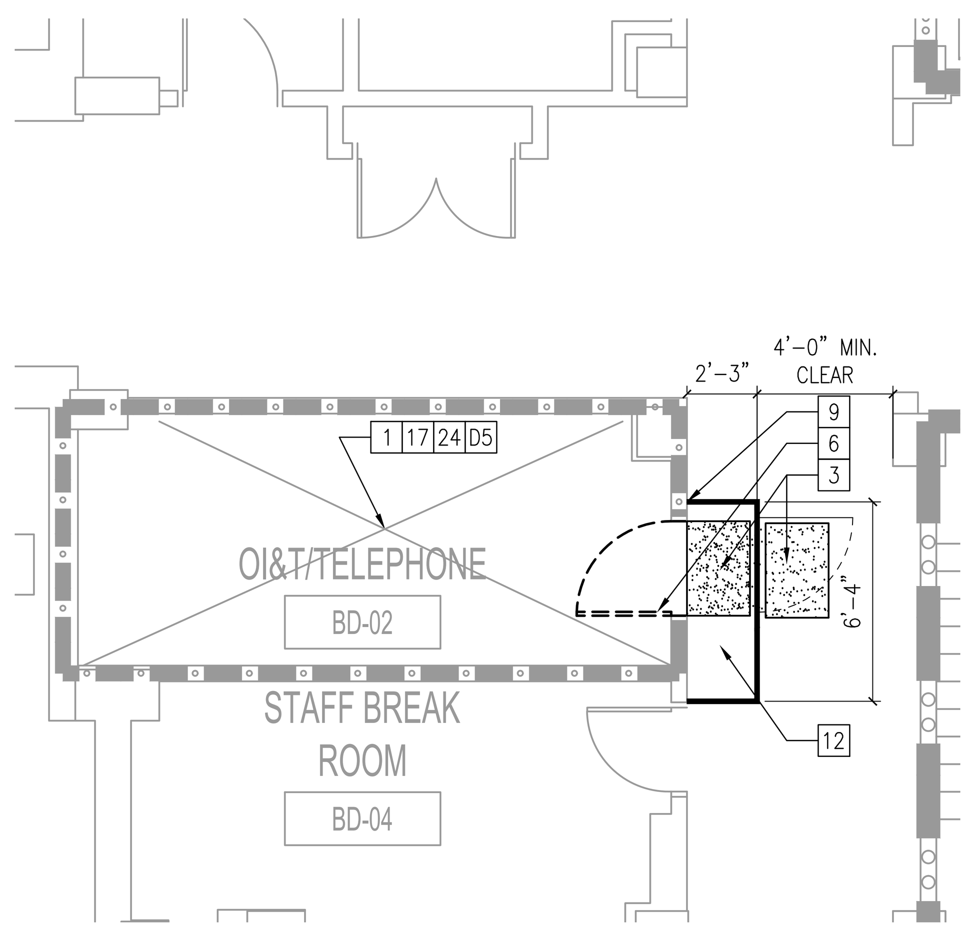
4 BUILDING 09 - (CURRENTLY IRM) ENLARGED PLAN RM BB-92
1/4"=1'-0"



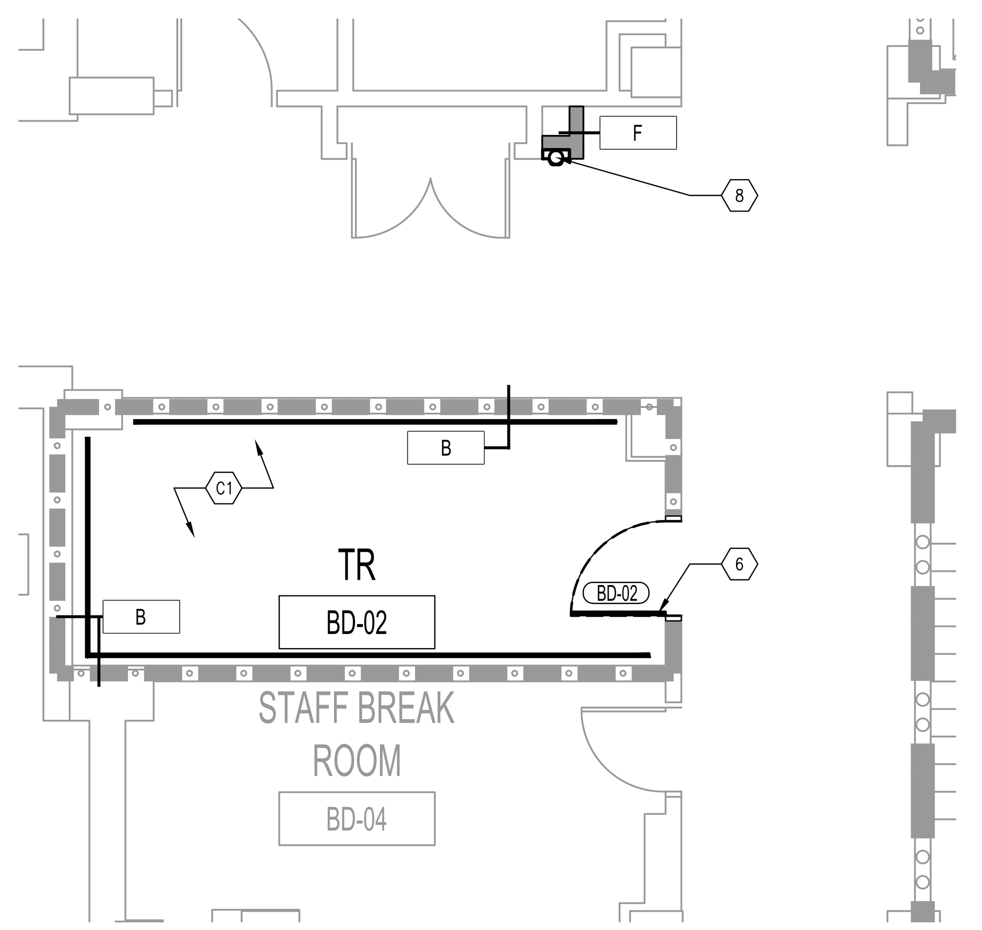
5 BUILDING 01 - ENLARGED DEMOLITION PLAN RM BD-84
1/4"=1'-0"



6 BUILDING 01 - ENLARGED (CURRENTLY IRM) PLAN RM BD-84
1/4"=1'-0"



7 BUILDING 01 - ENLARGED DEMOLITION PLAN RM BD-02
1/4"=1'-0"



8 BUILDING 01 - ENLARGED (CURRENTLY OI+T/TELEPHONE ROOM) PLAN RM BD-02
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

[X] DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

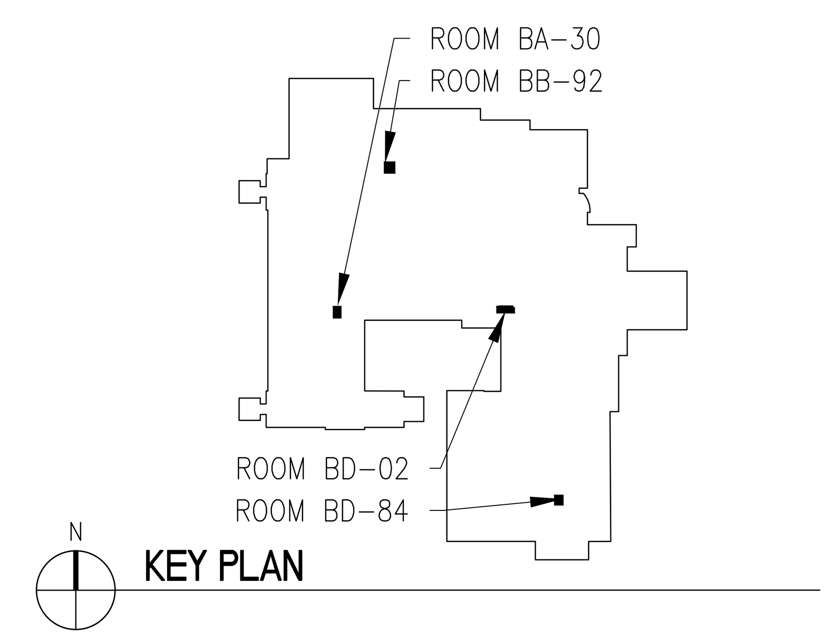
[X] DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER
SMOKE BARRIER (EXISTING)



KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBBINS 3028 DATE: 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - BASEMENT

SHEET 65 OF 279

Phase ISSUE FOR BID

Project Title
EHRM INFRASTRUCTURE UPGRADES

Location
FARGO VA HEALTH CARE SYSTEM

Issue Date 3/18/2022 | Checked DA | Drawn JM

Project Number 437-21-205

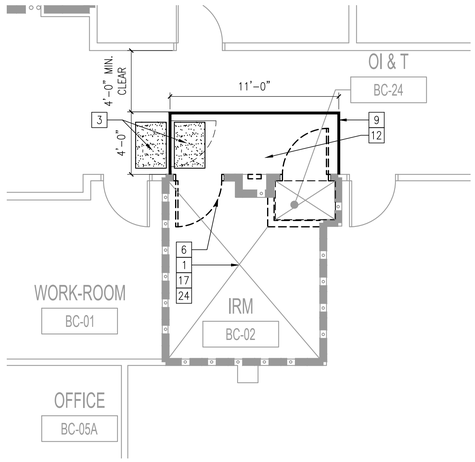
Building Number 1-9-46

Drawing Number A-01-401

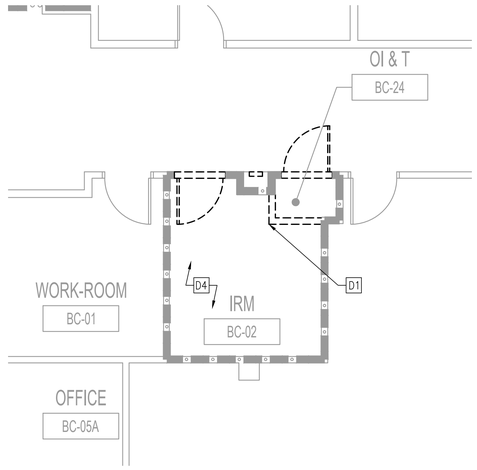
3/16/2022 9:47:10 AM

K:\CCG_PROJECTS\2018\18-121 36C26319D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-401.dwg

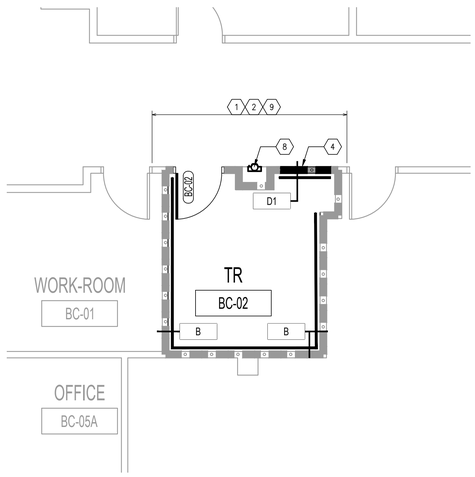
VA FORM 08 - 6231



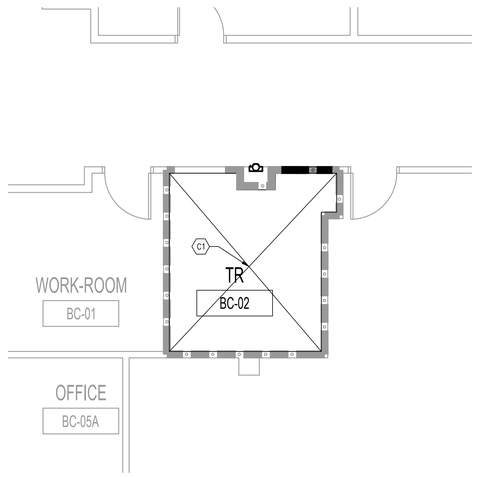
1 BUILDING 46 - ENLARGED DEMO PLAN RM BC-02
1/4"=1'-0"



2 BUILDING 46 - REFLECTED CEILING DEMO PLAN RM BC-02
1/4"=1'-0"



3 BUILDING 46 - ENLARGED PLAN RM BC-02
1/4"=1'-0"



4 BUILDING 46 - REFLECTED CEILING PLAN RM BC-02
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING ⅝" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

[X] DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

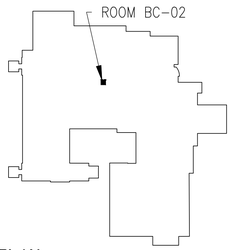
[X] DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER
SMOKE BARRIER (EXISTING)



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03-18-2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - BASEMENT

SHEET 66 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

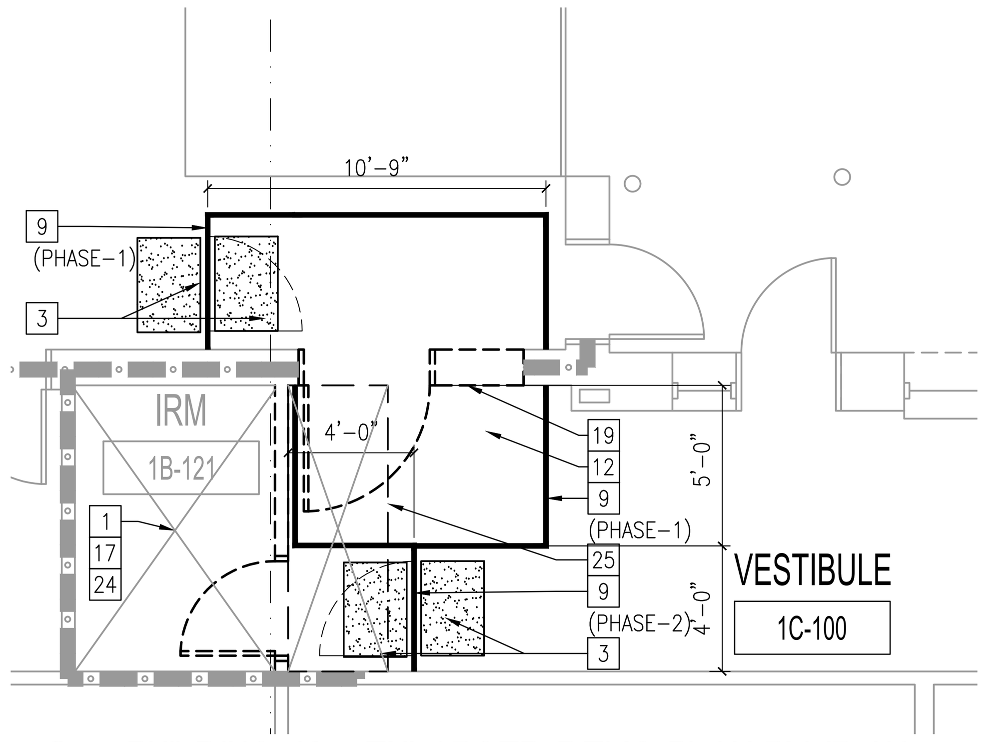
Project Number: 437-21-205

Building Number: 1-9-46

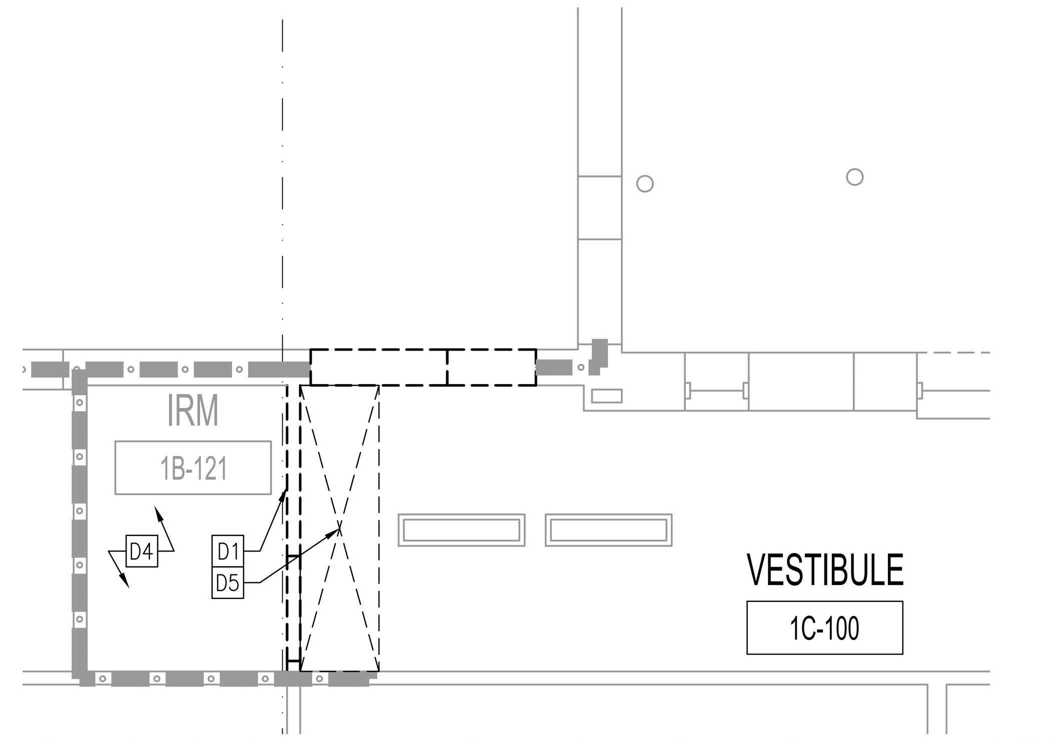
Drawing Number: A-01-402

K:\CCG_PROJECTS\20\18\18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\450- DesDocs\402- Drawings\WORKING\A-B01-402.dwg 3/18/2022 9:48:03 AM

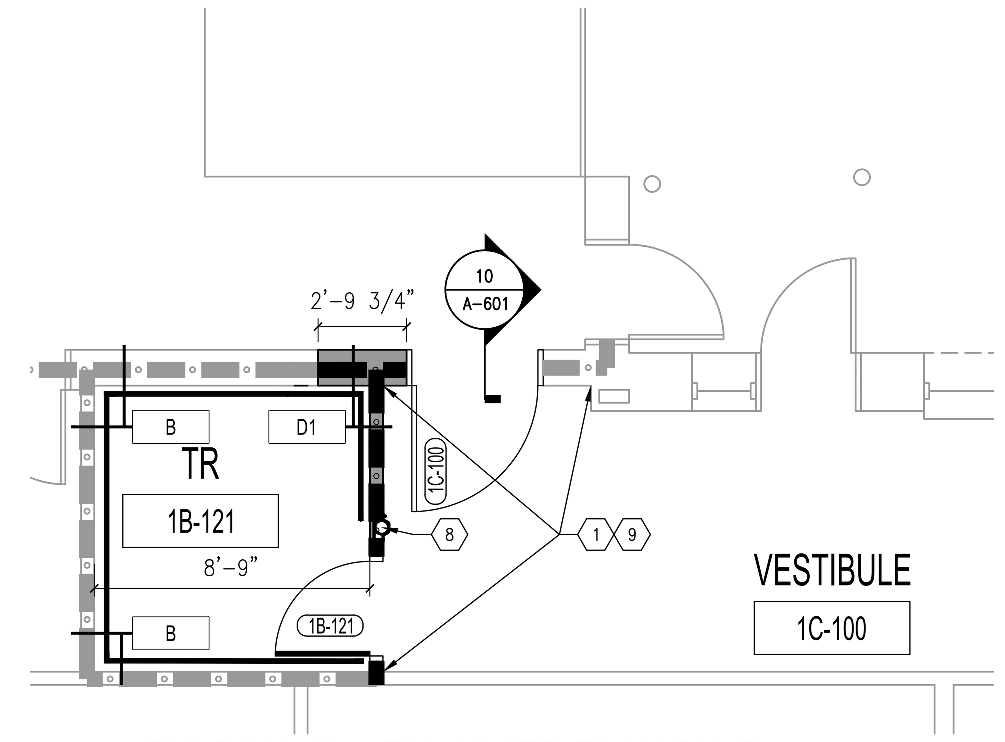
VA FORM 08 - 6231



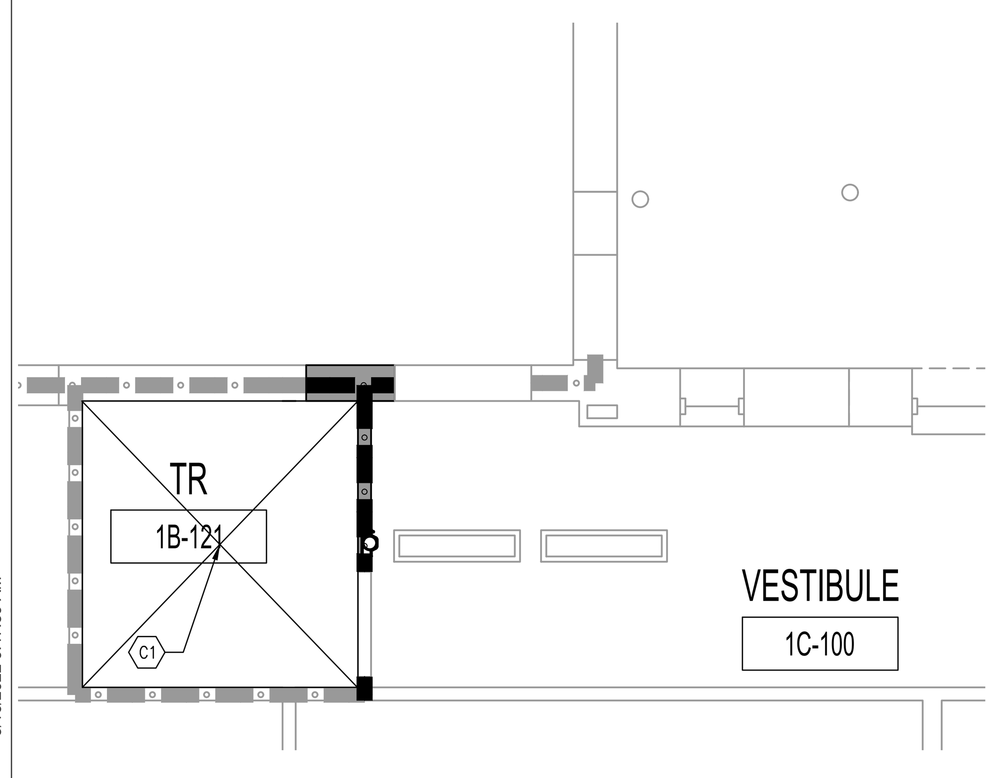
1 BUILDING 46 - ENLARGED DEMO PLAN RM 1B-121
1/4"=1'–0"



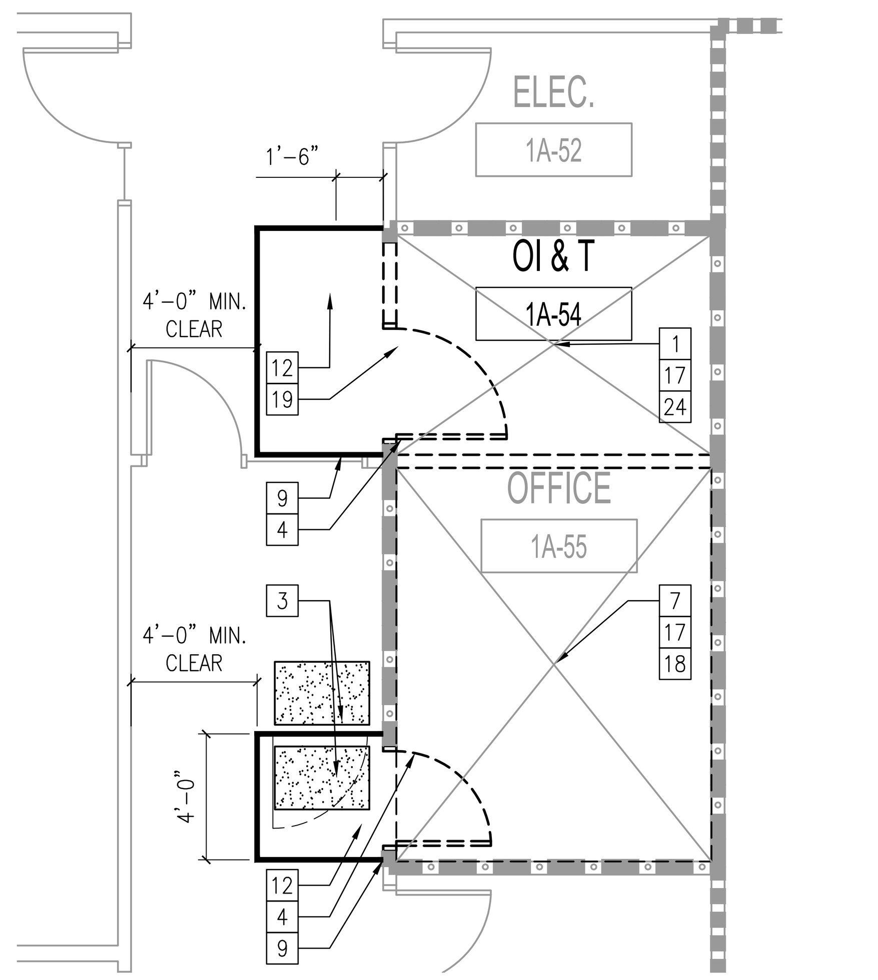
2 BUILDING 46 - REFLECTED CEILING DEMO PLAN RM 1B-121
1/4"=1'–0"



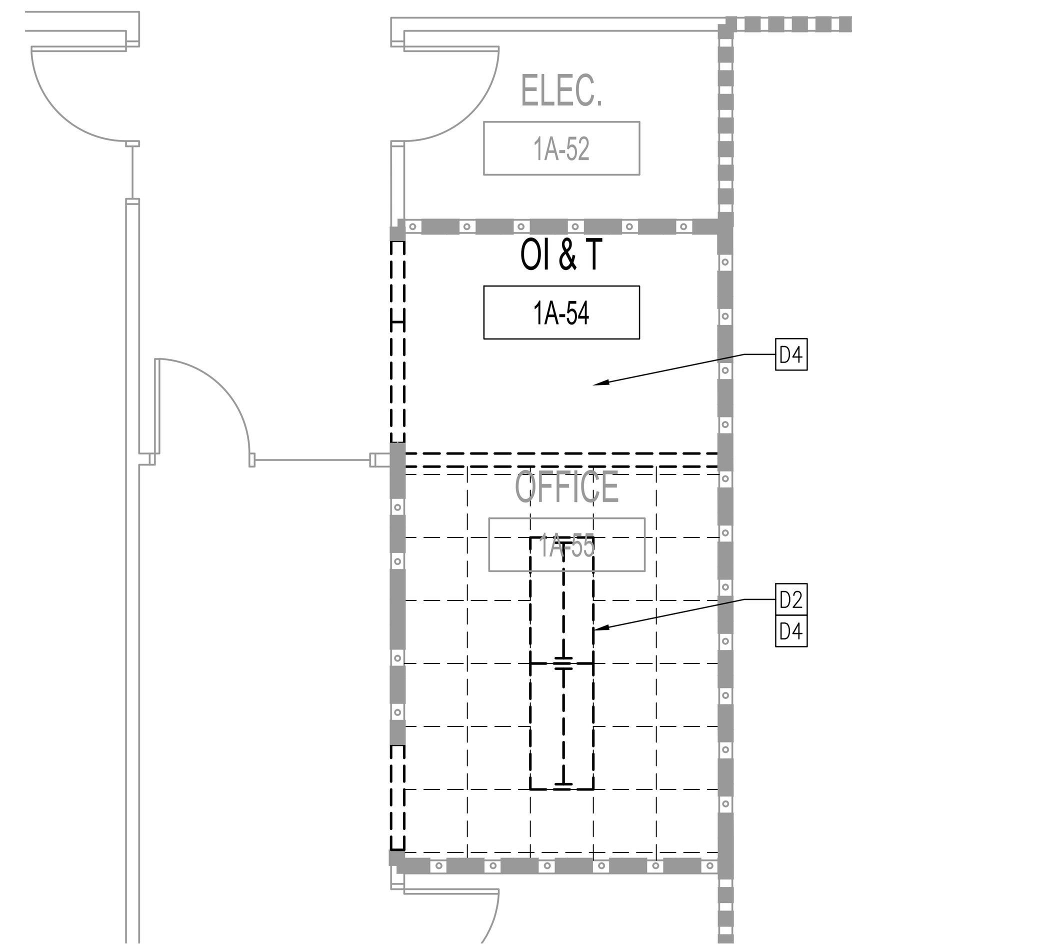
3 BUILDING 46 - ENLARGED PLAN RM 1B-121
1/4"=1'–0"



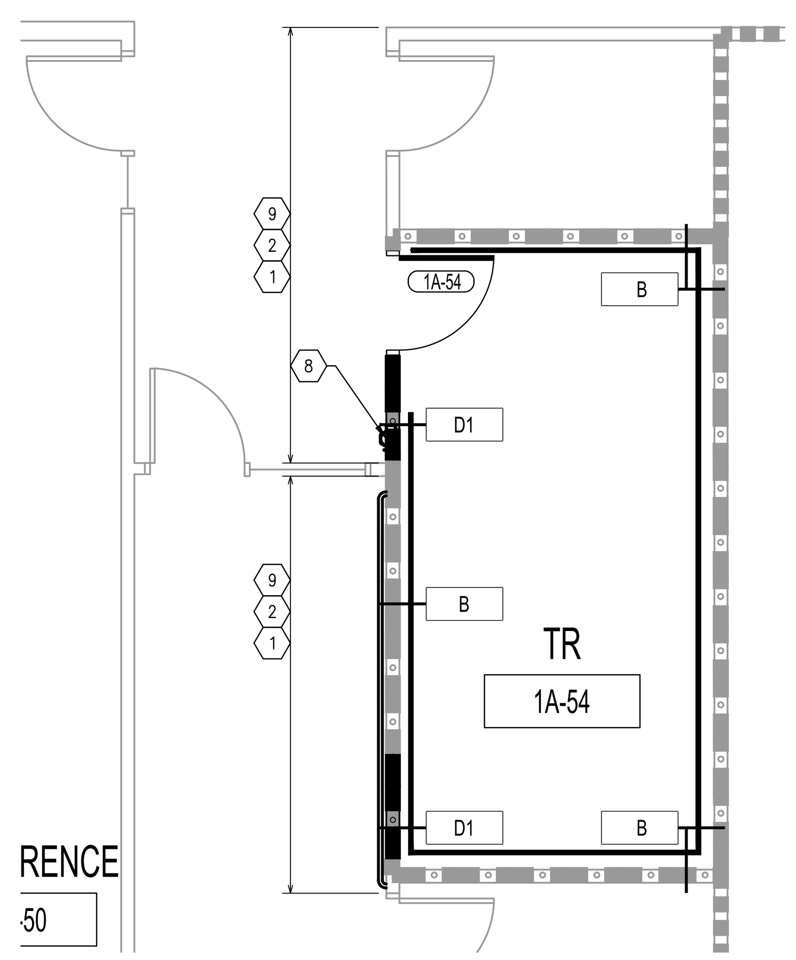
4 BUILDING 46 - REFLECTED CEILING PLAN RM 1B-121
1/4"=1'–0"



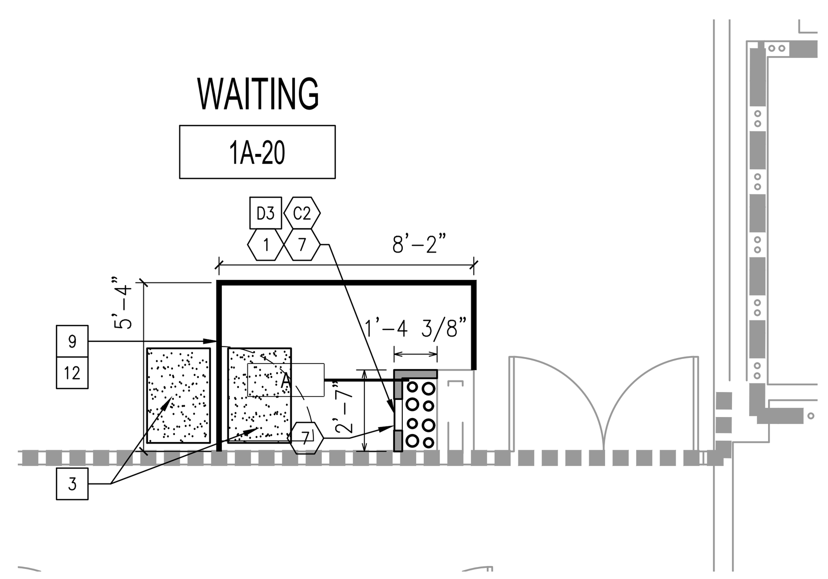
5 BUILDING 09 - ENLARGED DEMO PLAN RM 1A-54
1/4"=1'–0"



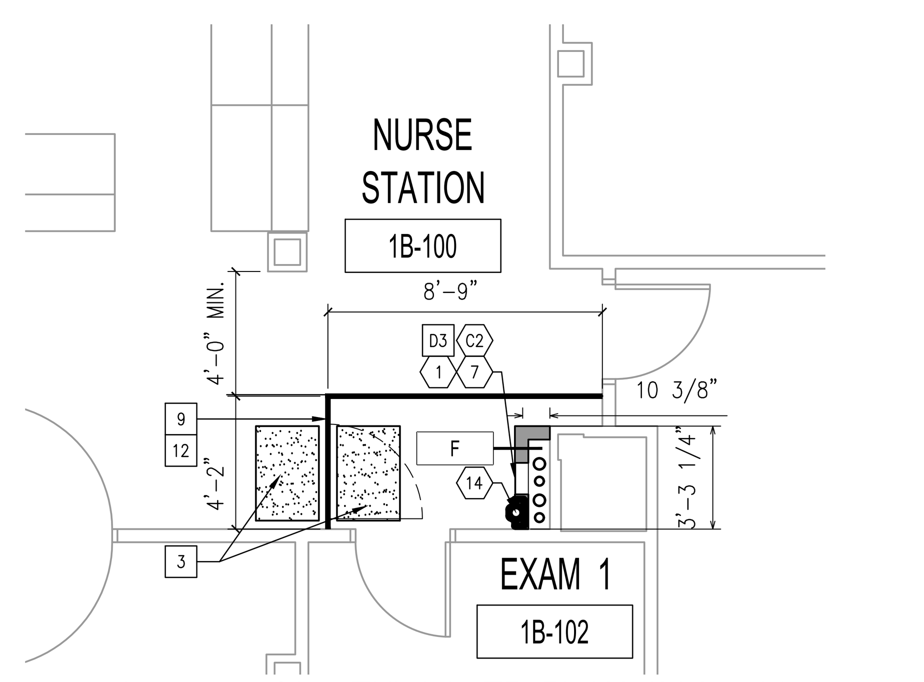
6 BUILDING 09 - REFLECTED CEILING DEMO PLAN RM 1A-54
1/4"=1'–0"



7 BUILDING 09 - ENLARGED PLAN RM 1A-54
1/4"=1'–0"



8 BUILDING 09 - ENLARGED PLAN RM 1A-20
1/4"=1'–0"



9 BUILDING 09 - ENLARGED PLAN RM 1B-100
1/4"=1'–0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.
14. RELOCATE EXISTING FIRE EXTINGUISHER CABINET AND ASSOCIATED SIGNAGE. REPLACE FIRE EXTINGUISHER WITH CLEAN AGENT A,B & C FIRE EXTINGUISHER.

[X] DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

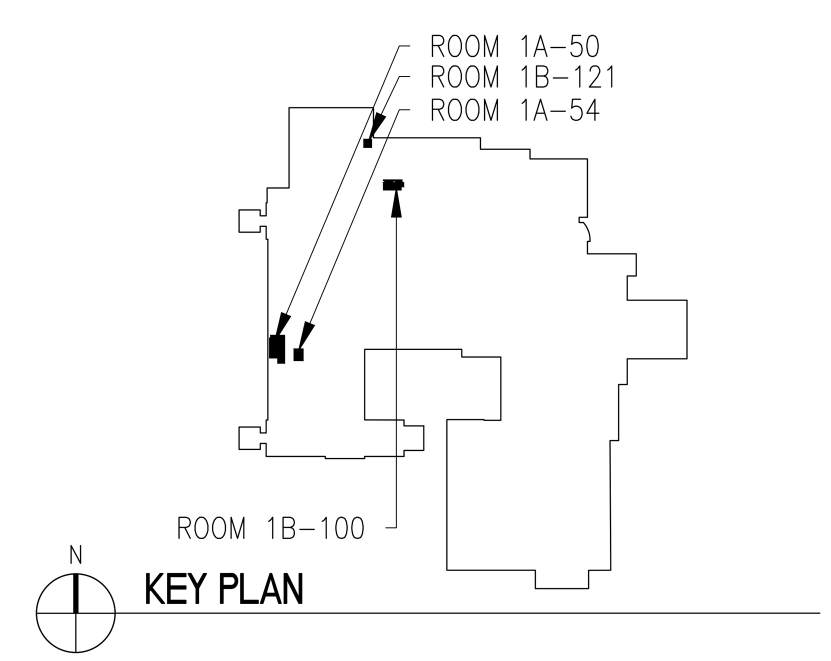
[X] DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER
SMOKE BARRIER (EXISTING)



KEY PLAN

ISSUE FOR BID	03-18-22	
Revisions:	Date:	

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBBINS 3028 DATE: 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - FIRST FLOOR

SHEET 67 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date	Checked	Drawn
3/18/2022	CZ	KK

Project Number: 437-21-205

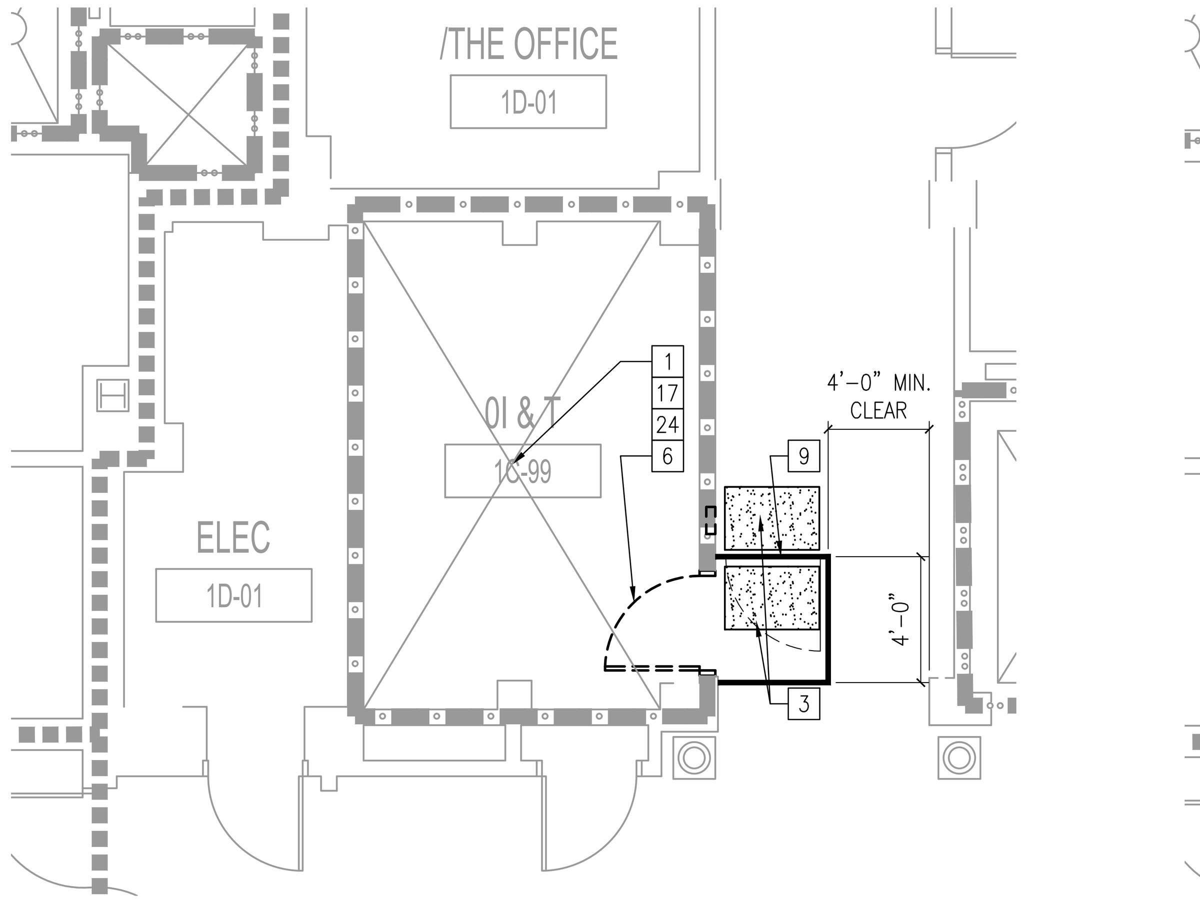
Building Number: 01-09-46

Drawing Number: A-01-411

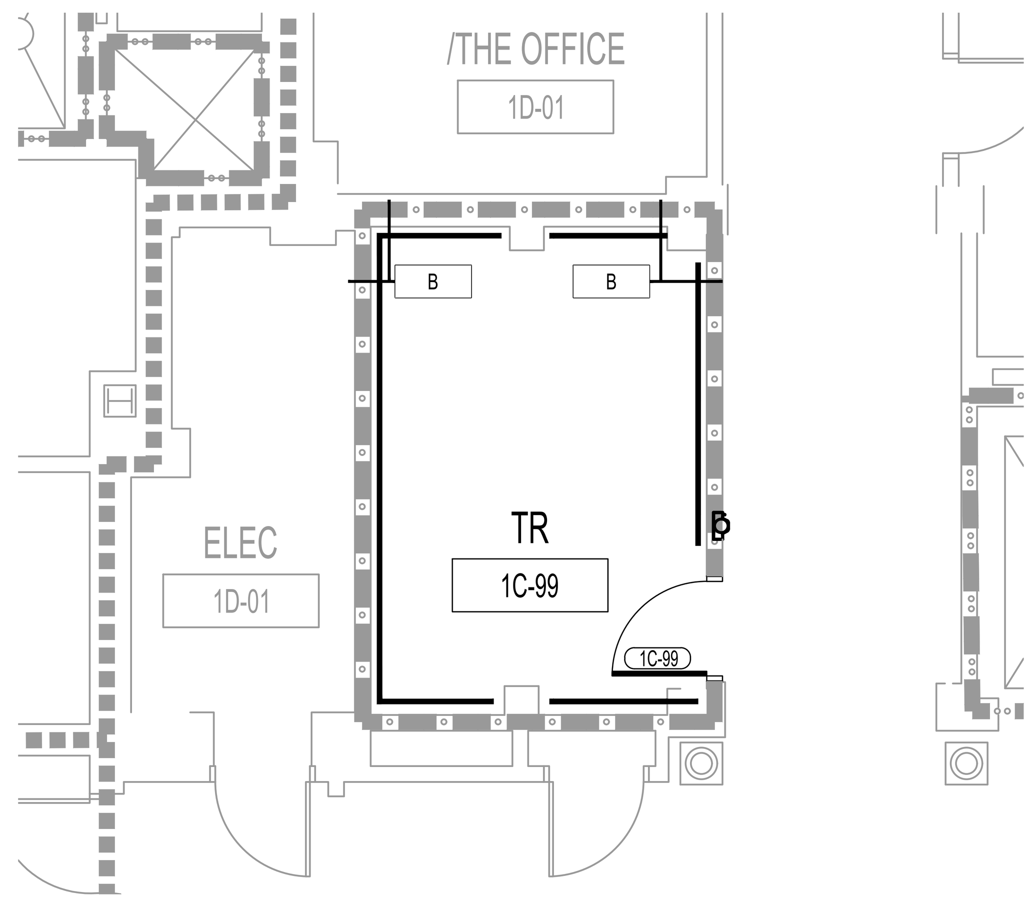
3/16/2022 9:47:59 AM

K:\CCG_PROJECTS\2018\18-121 36C26319D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-411.dwg

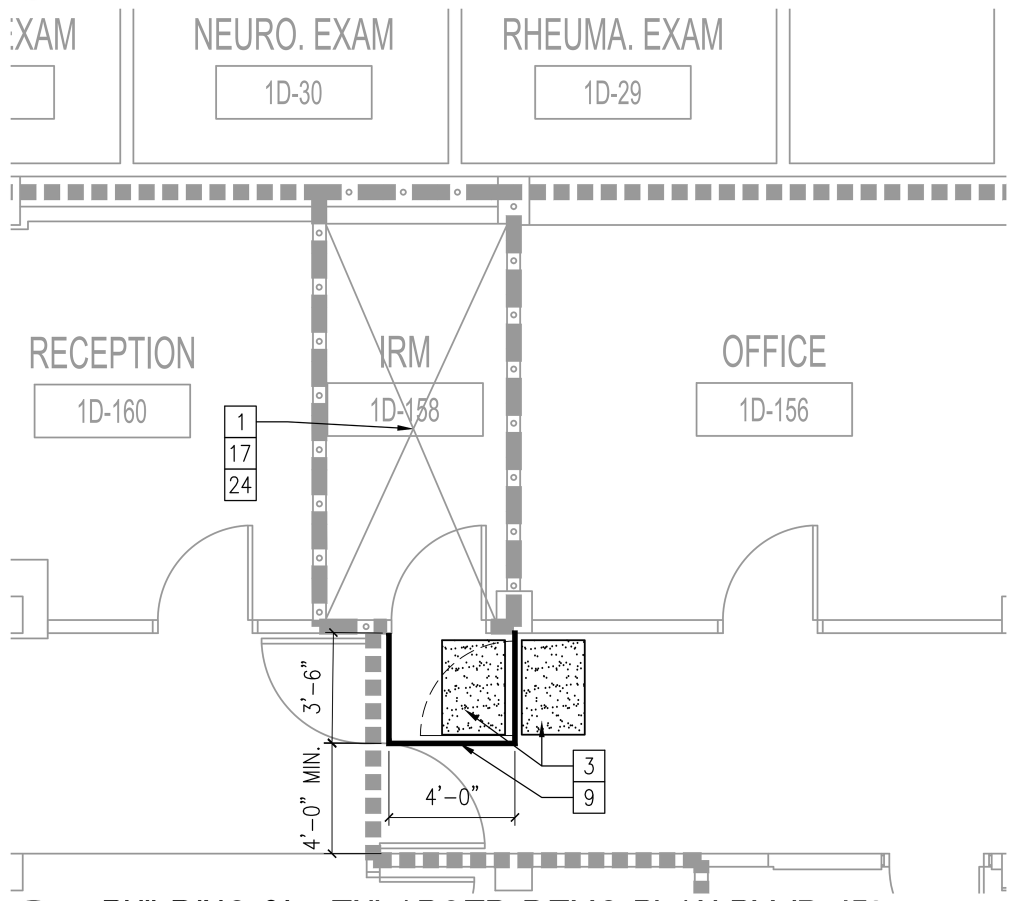
VA FORM 08 - 6231



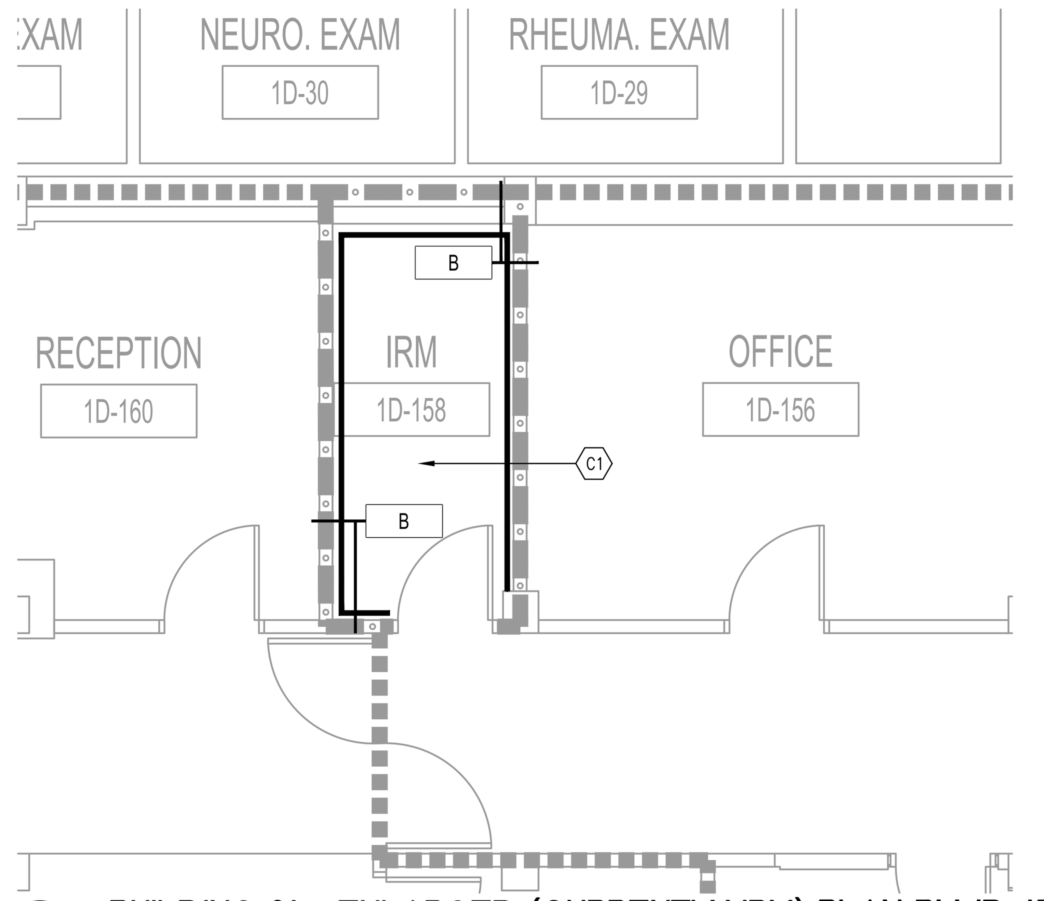
1 BUILDING 01 - ENLARGED (CURRENTLY OI+T) DEMO PLAN RM 1C-99
1/4"=1'-0"



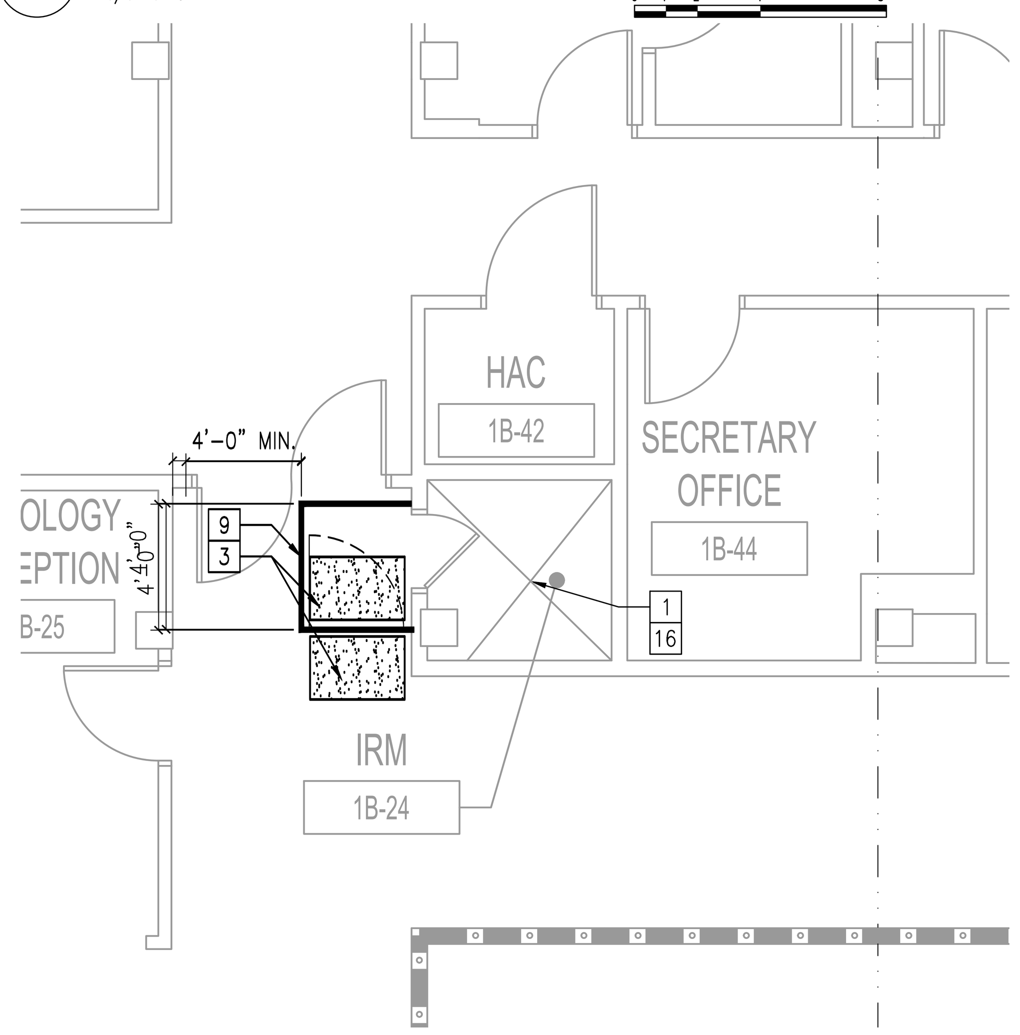
2 BUILDING 01 - ENLARGED (CURRENTLY OI+T) PLAN RM 1C-99
1/4"=1'-0"



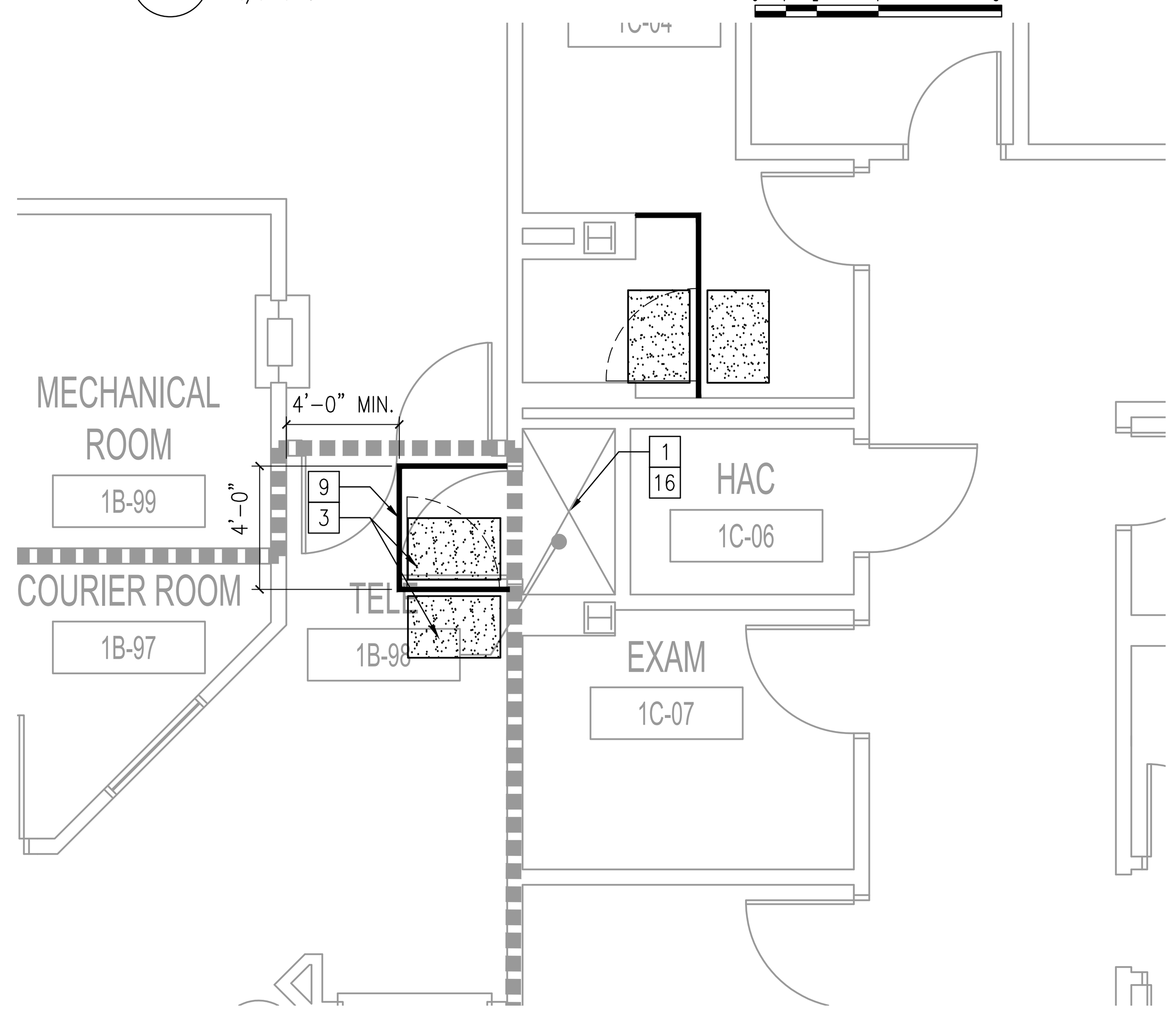
3 BUILDING 01 - ENLARGED DEMO PLAN RM 1D-158
1/4"=1'-0"



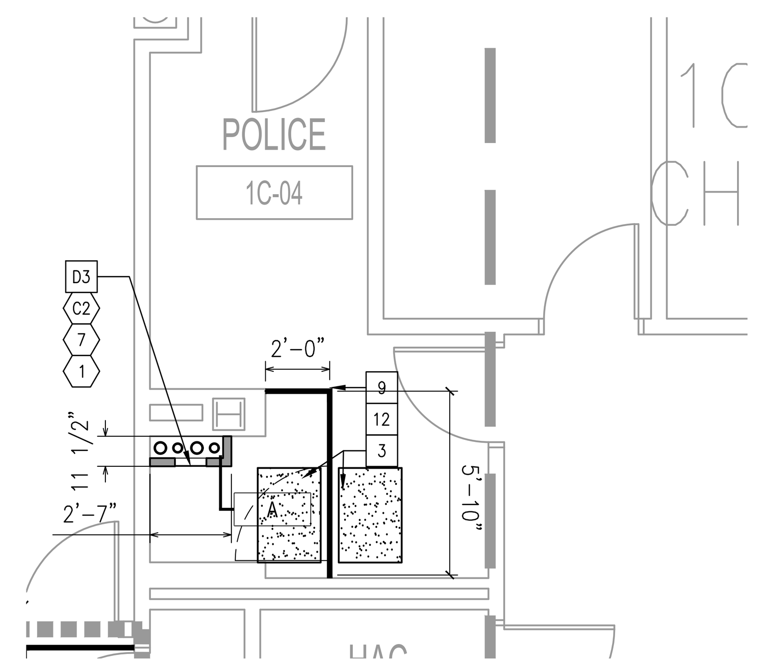
4 BUILDING 01 - ENLARGED (CURRENTLY IRM) PLAN RM 1D-158
1/4"=1'-0"



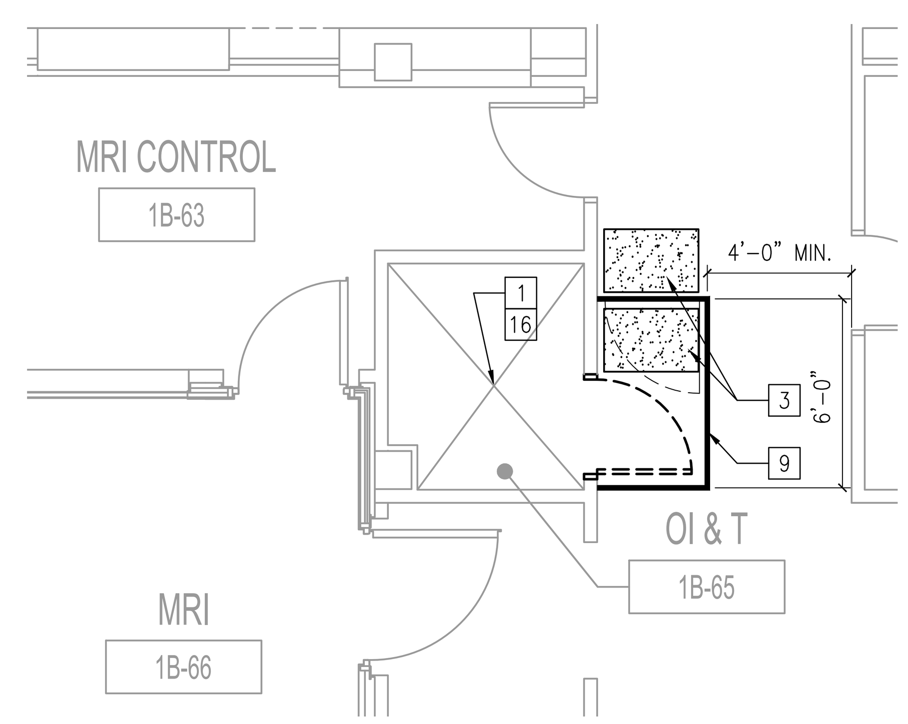
5 BUILDING 09 - ENLARGED DEMO PLAN RM 1B-24
1/4"=1'-0"



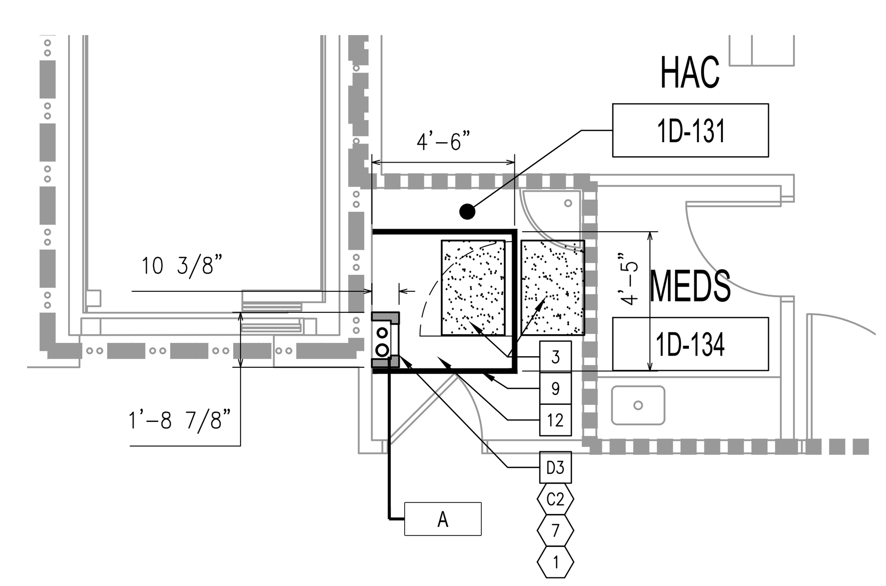
6 BUILDING 46 - ENLARGED DEMO PLAN RM 1B-98
1/4"=1'-0"



7 BUILDING 09 - ENLARGED PLAN RM 1C-04
1/4"=1'-0"



8 BUILDING 09 - ENLARGED PLAN RM 1B-65
1/4"=1'-0"



9 BUILDING 09 - ENLARGED PLAN RM 1D-131
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

(heavy line) 4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

(hatch) DENOTES NEW CEILING

⟨X⟩ FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

[X] DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

⟨X⟩ CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

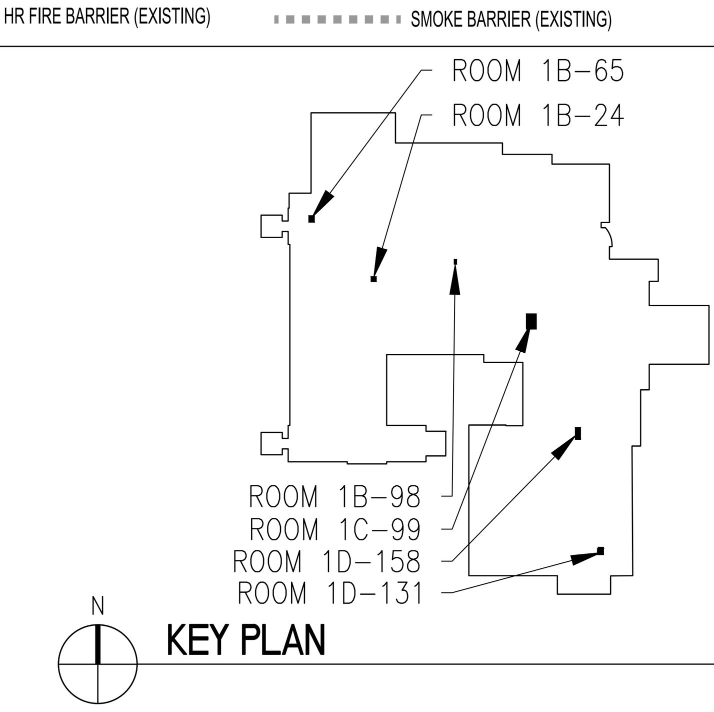
[X] DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)



KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
LICENSED ARCHITECT
JOHN ELGIN ROBBINS
3028
DATE: 03/18/2022
STATE OF NORTH DAKOTA

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - FIRST FLOOR

SHEET 68 OF 279

Phase ISSUE FOR BID

Project Title
EHRM INFRASTRUCTURE UPGRADES

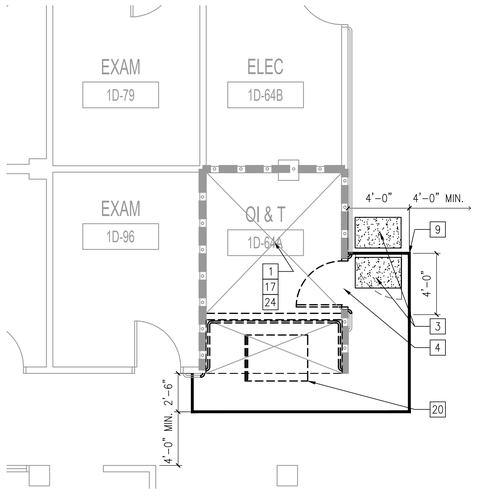
Location
FARGO VA HEALTH CARE SYSTEM

Issue Date 3/18/2022
Checked DA
Drawn JM

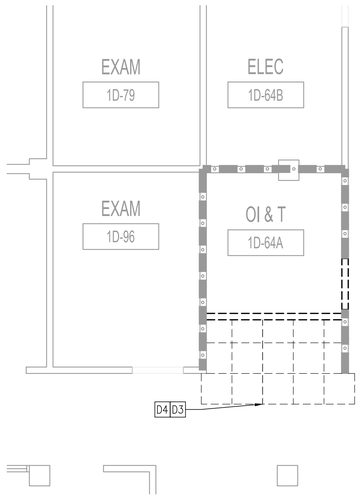
Project Number 437-21-205
Building Number 1-9-46
Drawing Number A-01-412

VA FORM 08 - 6231

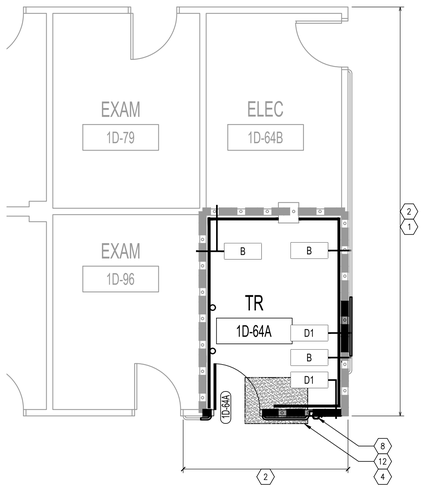
K:\CCG_PROJECTS\2018\18-121 36C26319D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-412.dwg
3/14/2022 2:42:17 PM



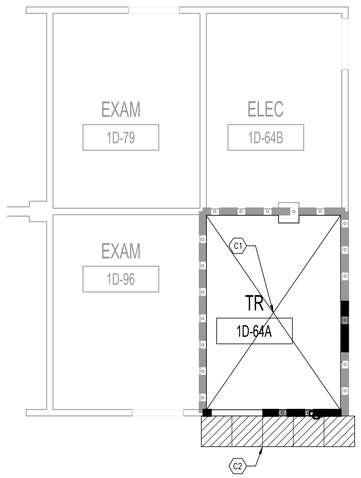
1 BUILDING 1 - ENLARGED DEMO PLAN RM 1D-64A
1/4"=1'-0"



2 BUILDING 1 - REFLECTED CEILING DEMO PLAN RM 1D-64A
1/4"=1'-0"



3 BUILDING 1 - ENLARGED PLAN RM 1D-64A
1/4"=1'-0"



4 BUILDING 1 - REFLECTED CEILING PLAN RM 1D-64A
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING 5/8" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

(X) DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

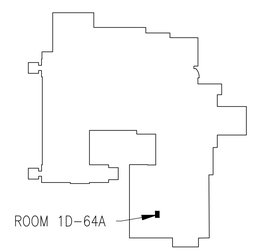
(X) DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- 1HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)
- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)



N

KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT
JOHN ELGIN ROBERTS
3028
DATE 03-18-2022
STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - FIRST FLOOR

SHEET 69 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

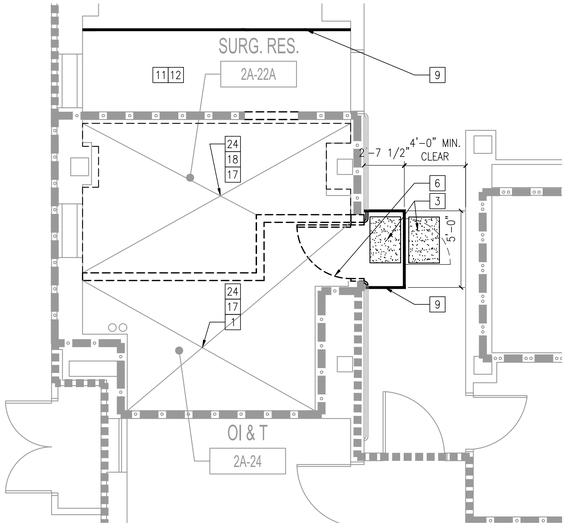
Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

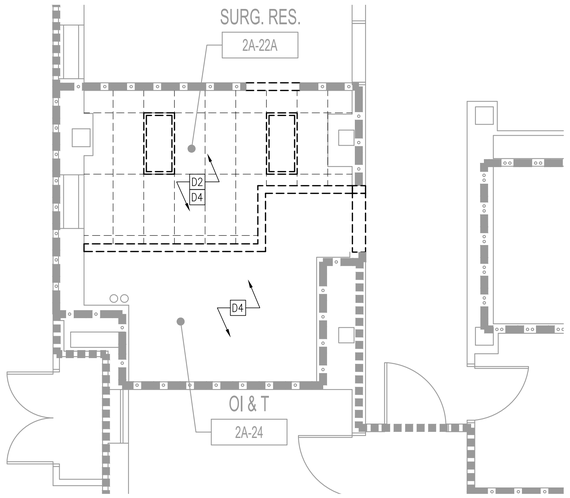
Drawing Number: A-01-413

K:\CCG_PROJECTS\20\18\18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\450- DesDocs\402- Drawings\WORKING\A-B01-413.dwg 3/18/2022 9:48:42 AM

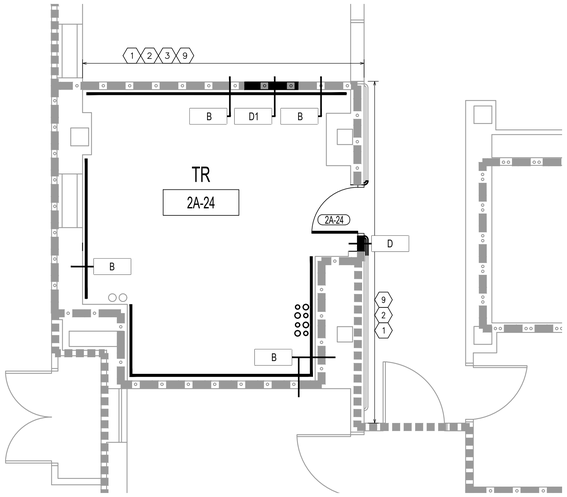
VA FORM 08 - 6231



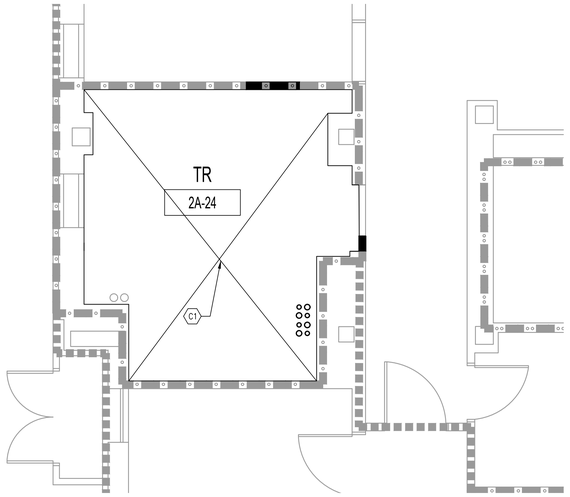
1 BUILDING 9 - ENLARGED DEMO PLAN RM 2A-24
1/4"=1'-0"



2 BUILDING 9 - REFLECTED CEILING DEMO PLAN RM 2A-24
1/4"=1'-0"



3 BUILDING 9 - ENLARGED PLAN RM 2A-24
1/4"=1'-0"



4 BUILDING 9 - REFLECTED CEILING PLAN RM 2A-24
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4'-0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1'-0" X 1'-0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

[X] DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

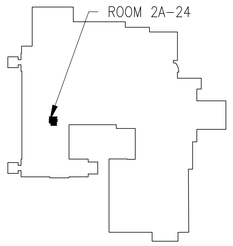
[X] DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
2 HR FIRE BARRIER
SMOKE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER (EXISTING)



N
KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT
JOHN ELGIN ROBERTS
3078
DATE 03/18/2022
STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - SECOND FLOOR

SHEET 70 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

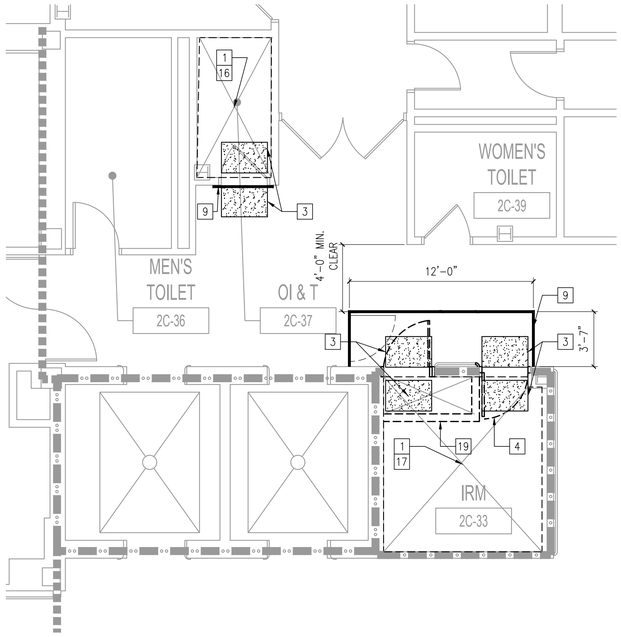
Project Number: 437-21-205

Building Number: 1-9-46

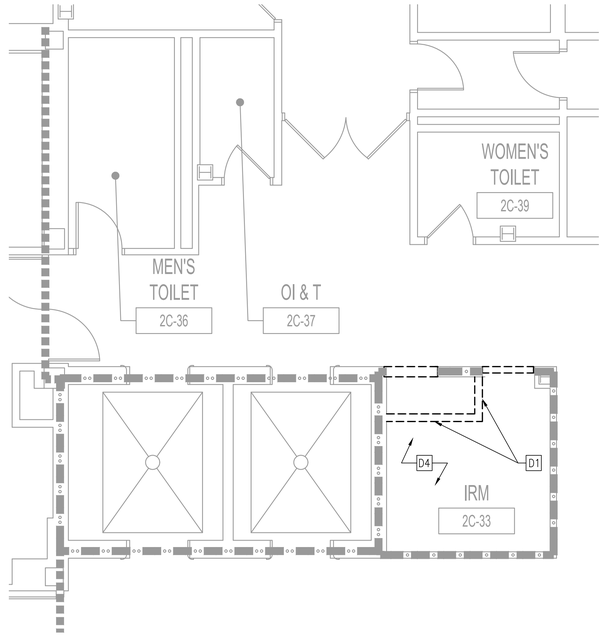
Drawing Number: A-01-421

K:\CCG_PROJECTS\2018\18-121 36C263190D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-421.dwg 3/16/2022 9:15:29 AM

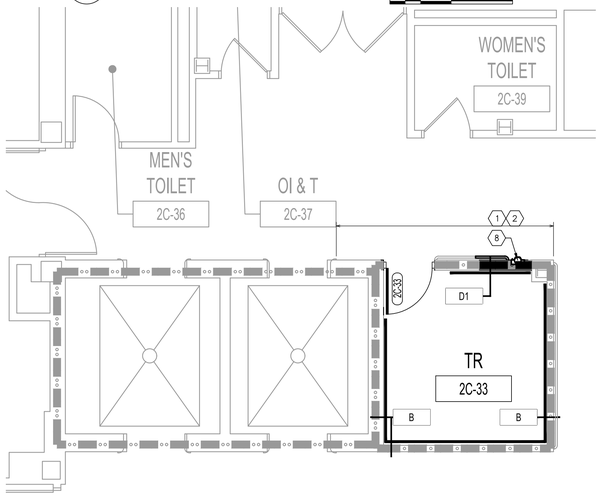
VA FORM 08 - 6231



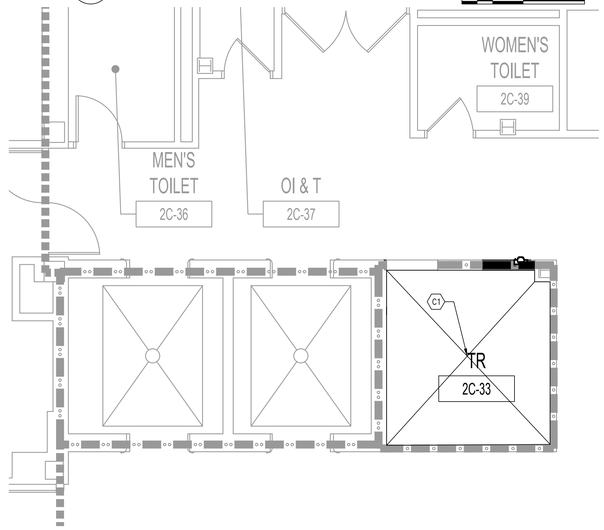
1 BUILDING 46 - ENLARGED DEMO PLAN RM 2C-33
1/4"=1'-0"



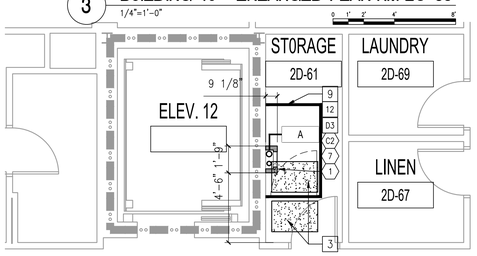
2 BUILDING 46 - REFLECTED CEILING DEMO PLAN RM 2C-33
1/4"=1'-0"



3 BUILDING 46 - ENLARGED PLAN RM 2C-33
1/4"=1'-0"



4 BUILDING 46 - REFLECTED CEILING PLAN RM 2C-33
1/4"=1'-0"



5 BUILDING 9 - ENLARGED PLAN RM 2D-61
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

(X) DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

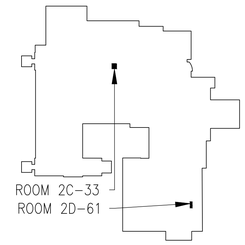
(X) DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
2 HR FIRE BARRIER
SMOKE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER (EXISTING)



N
KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP
LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - SECOND FLOOR

SHEET 71 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

Location: FARGO VA HEALTH CARE SYSTEM

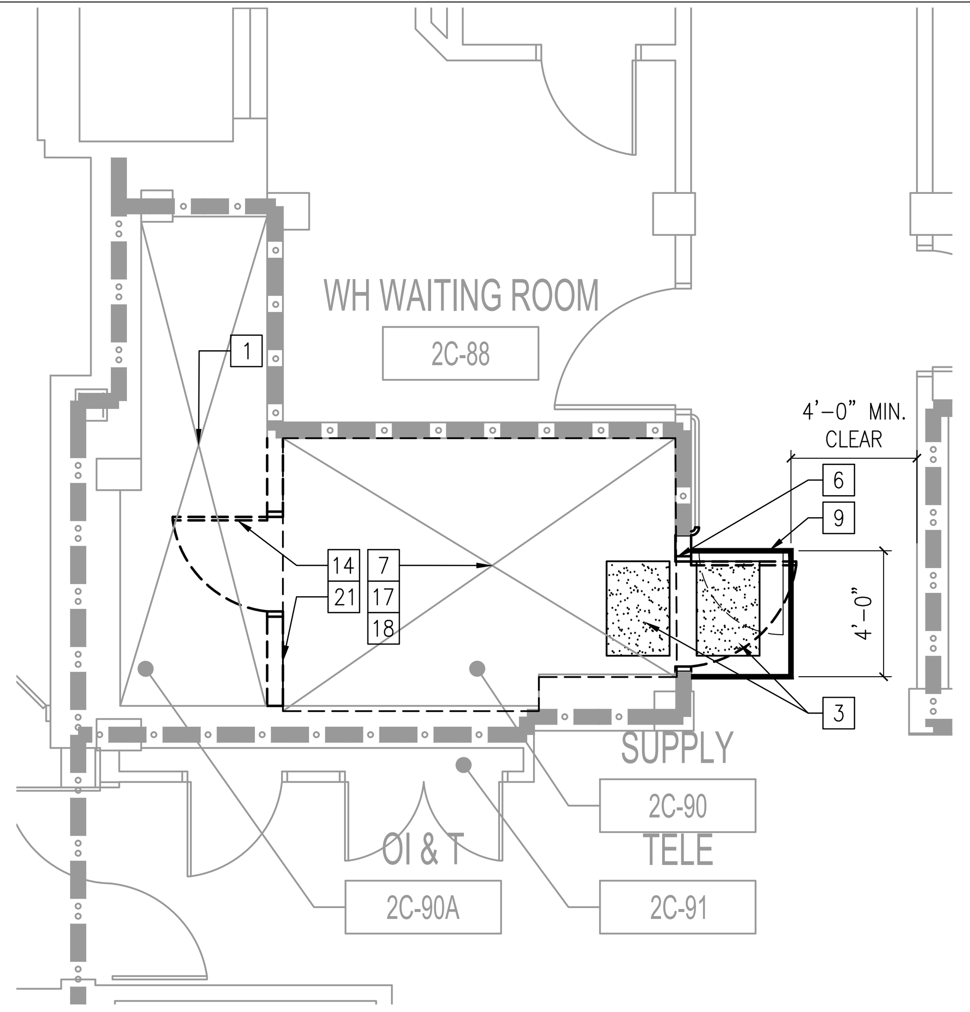
Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Drawing Number: A-01-422

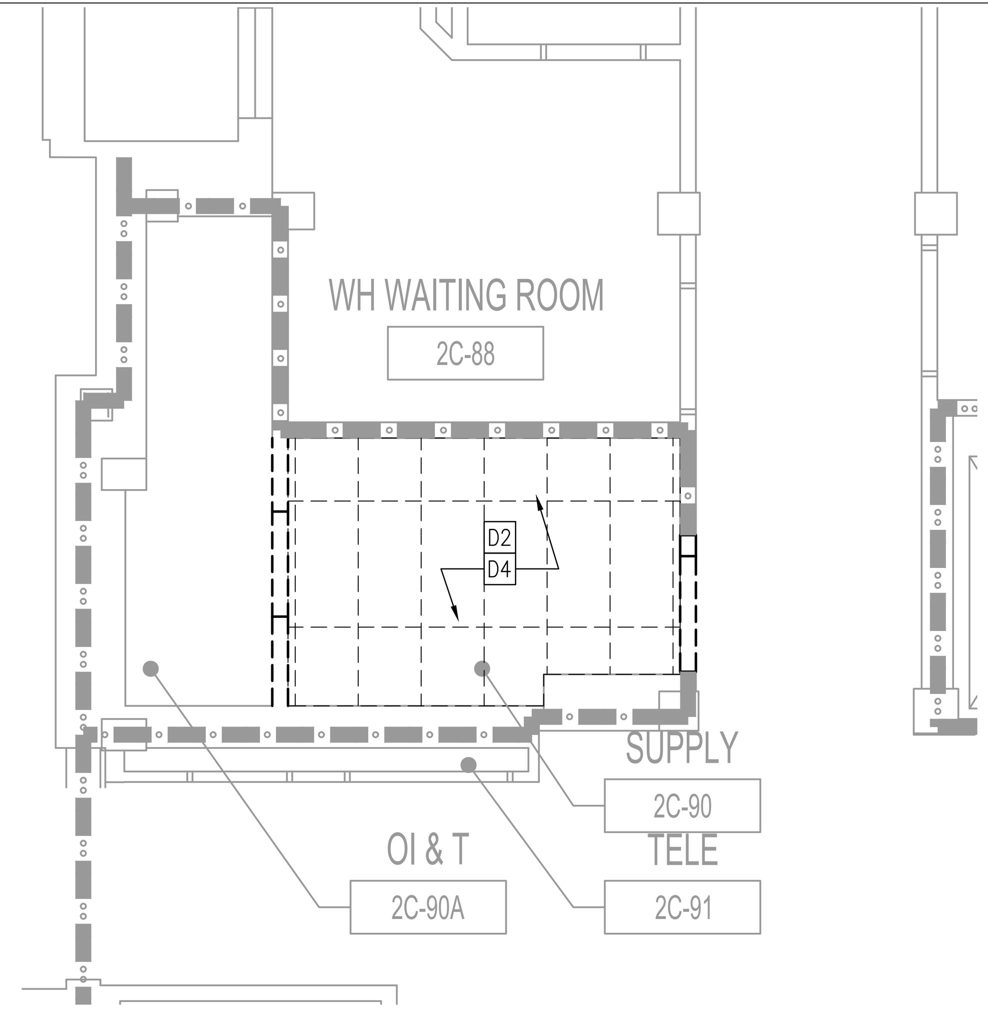
K:\CCG_PROJECTS\2018\18-121 36C263190X044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DwgDocs\402- Drawings\WORKING\A-B01-422.dwg

3/16/2022 9:47:51 AM

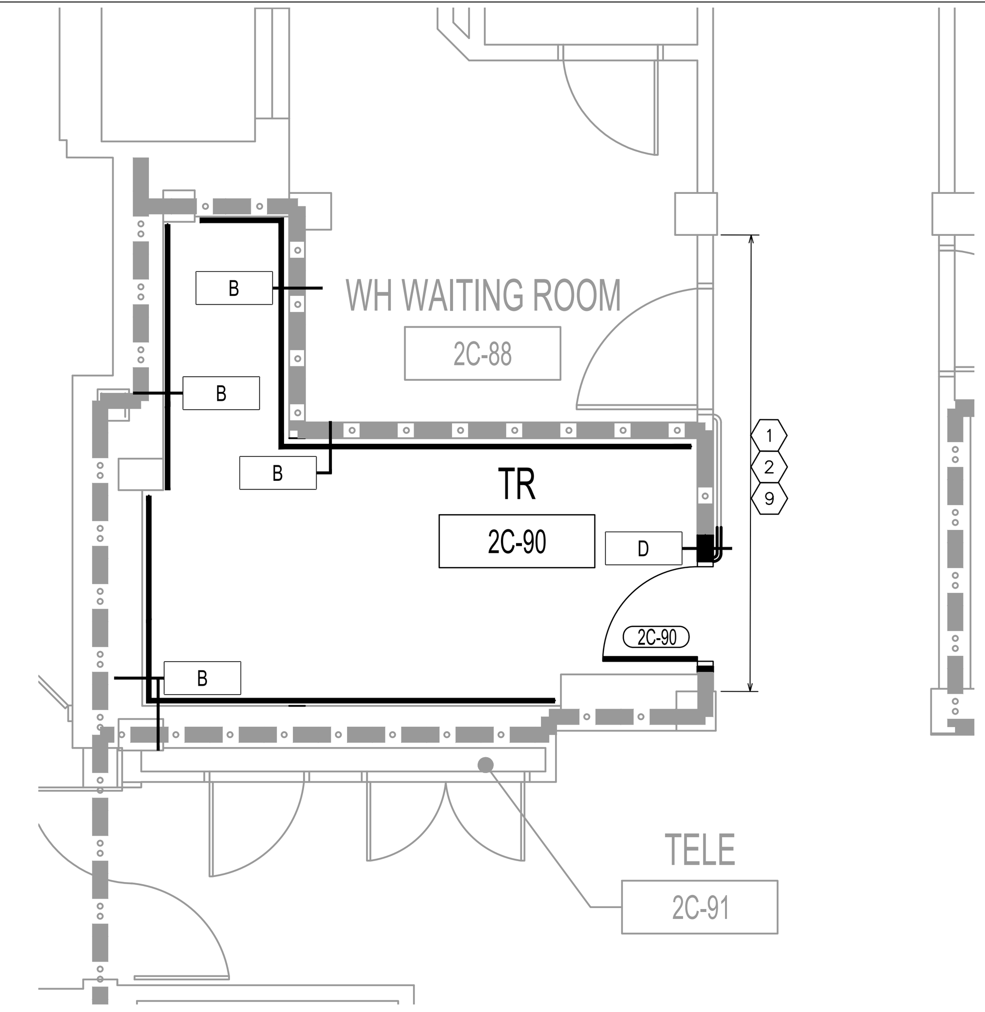
VA FORM 08 - 6231



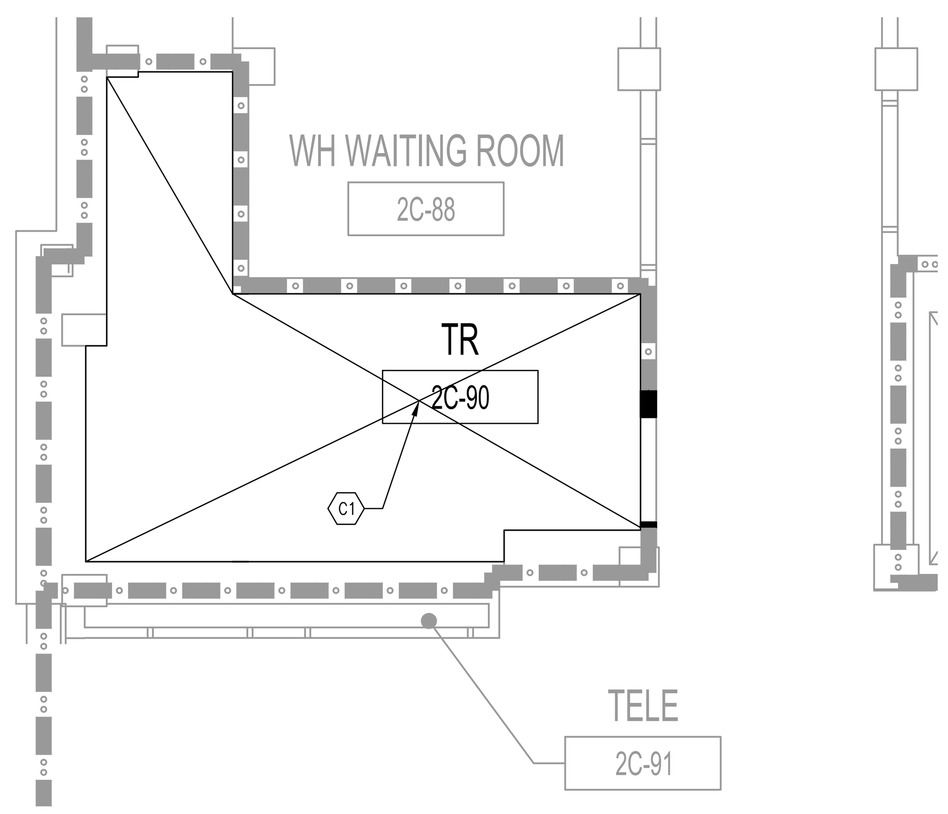
1 BUILDING 01 - ENLARGED DEMO PLAN RM 2C-90
1/4"=1'-0"



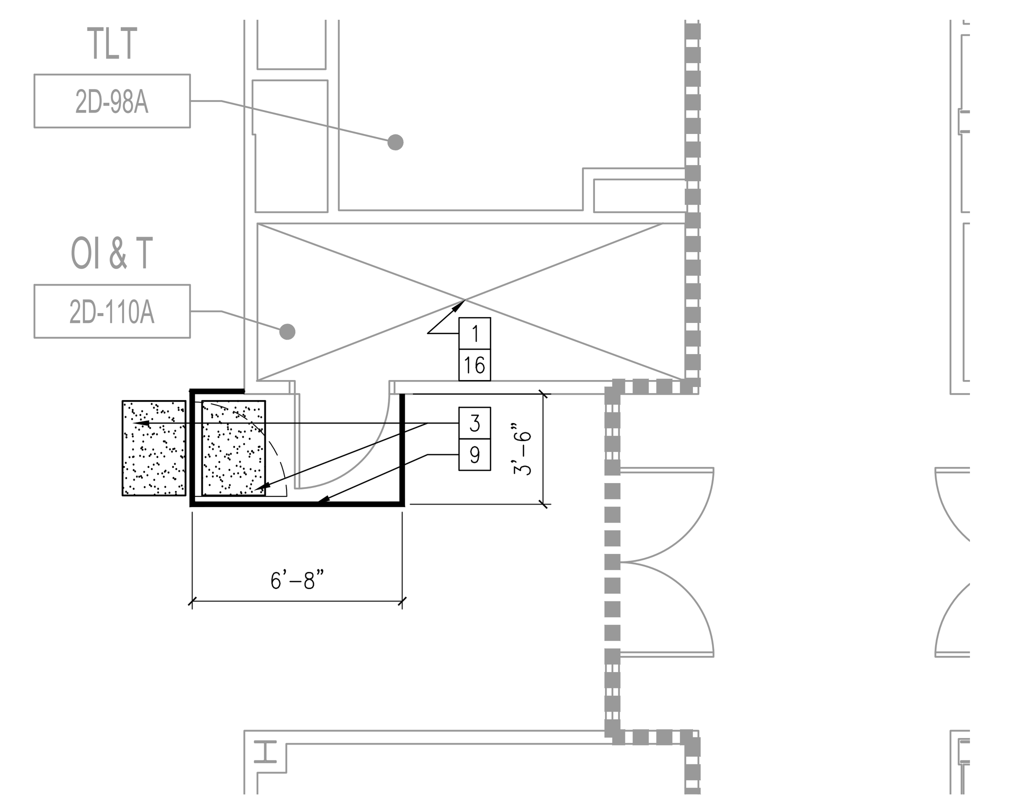
2 BUILDING 01 - REFLECTED CEILING DEMO PLAN RM 2C-90
1/4"=1'-0"



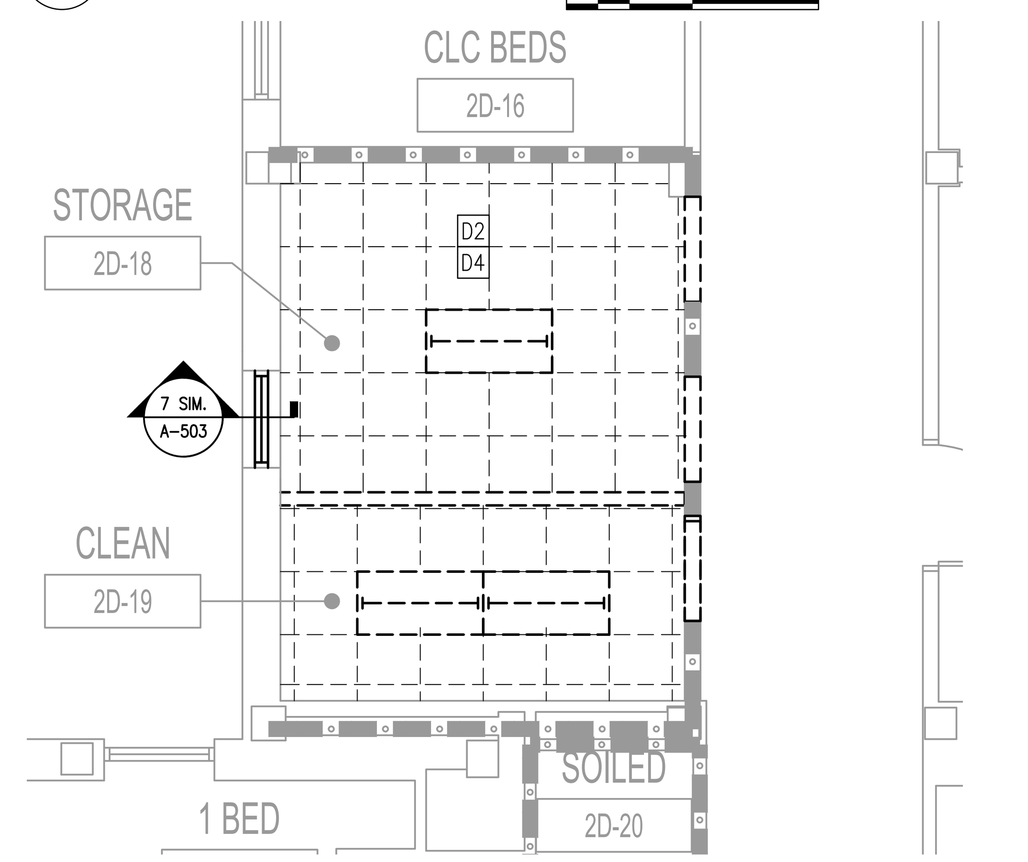
3 BUILDING 01 - ENLARGED PLAN RM 2C-90
1/4"=1'-0"



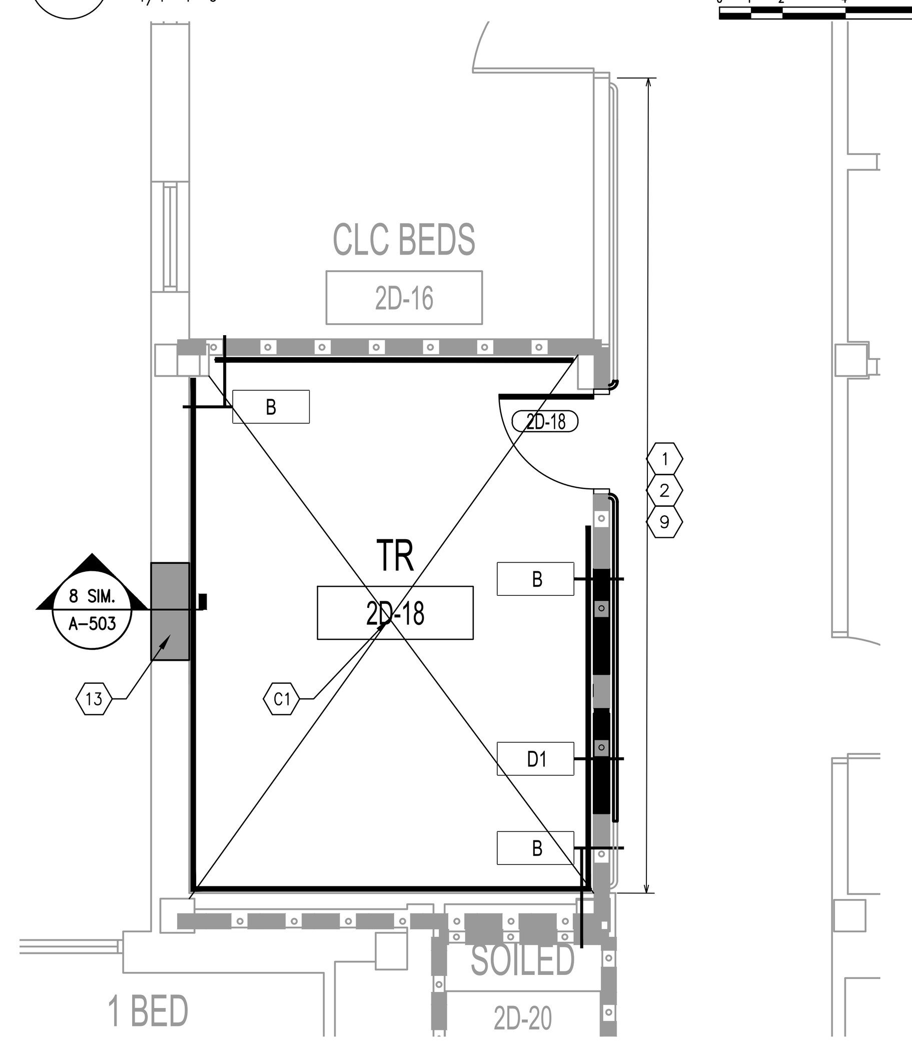
4 BUILDING 01 - REFLECTED CEILING PLAN RM 2C-90
1/4"=1'-0"



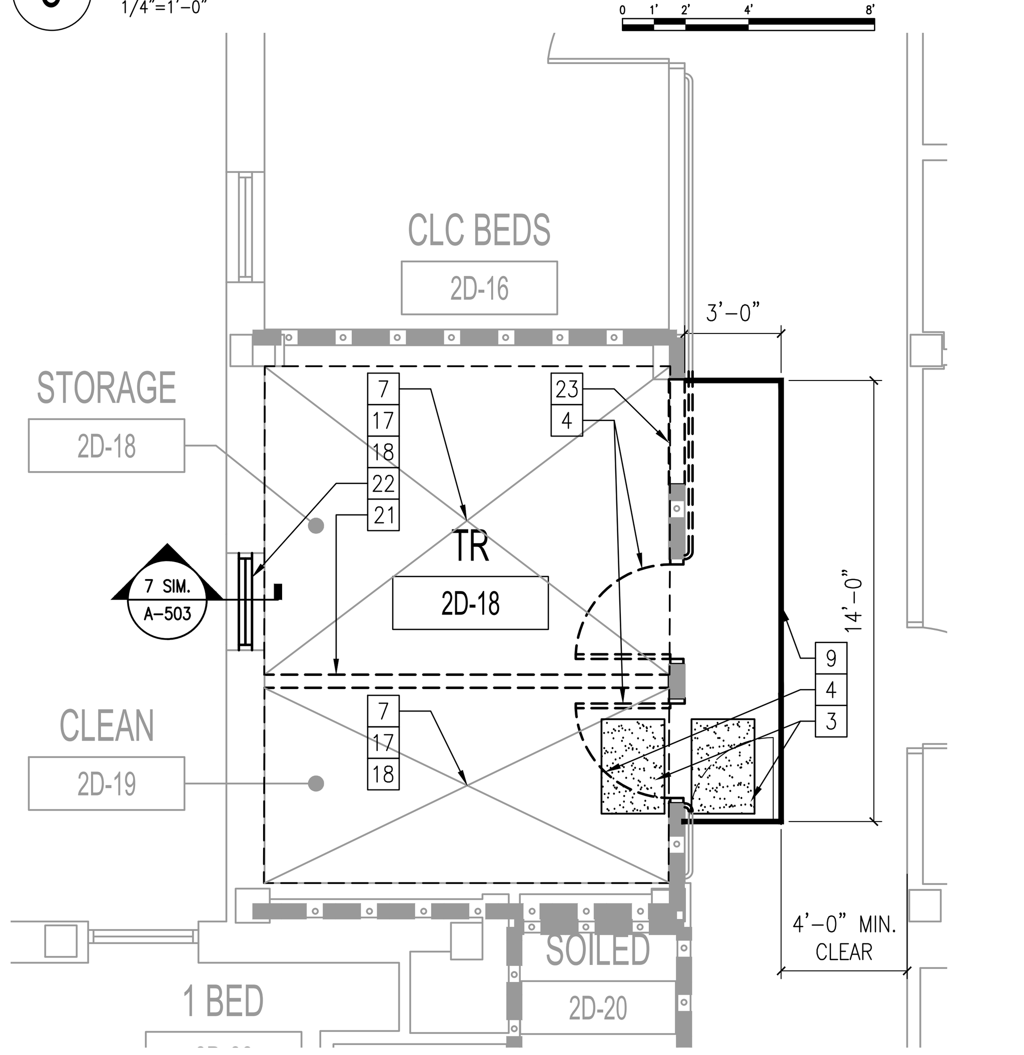
5 BUILDING 01 - ENLARGED DEMO PLAN 2D-110A
1/4"=1'-0"



6 BUILDING 01 - REFLECTED CEILING DEMO PLAN RM 2D-18
1/4"=1'-0"



7 BUILDING 01 - ENLARGED PLAN RM 2D-18
1/4"=1'-0"



8 BUILDING 01 - ENLARGED DEMO PLAN RM 2D-18
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

⟨X⟩ FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

X DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

⟨X⟩ CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

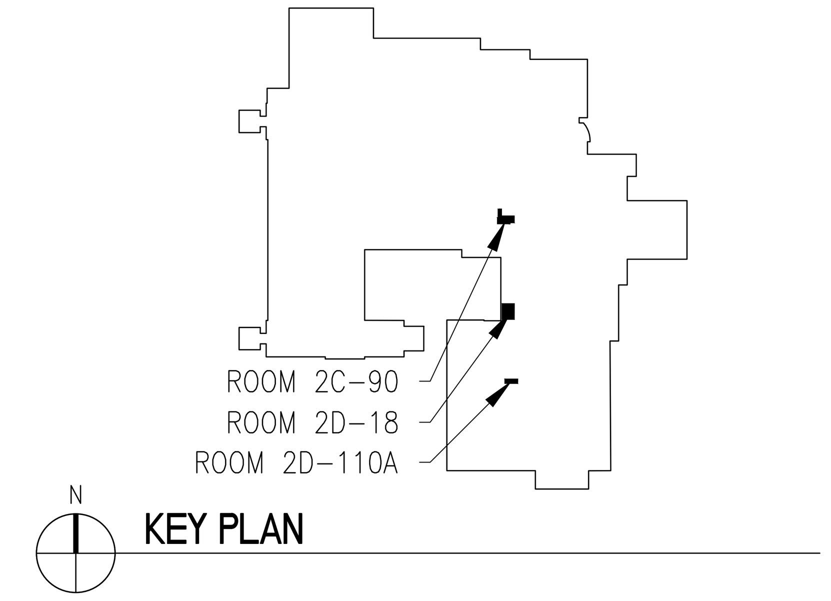
X DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER
SMOKE BARRIER (EXISTING)



KEY PLAN

ISSUE FOR BID 03-18-22
Revisions: Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBBINS 3028 DATE: 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - SECOND FLOOR

SHEET 72 OF 279

Phase ISSUE FOR BID

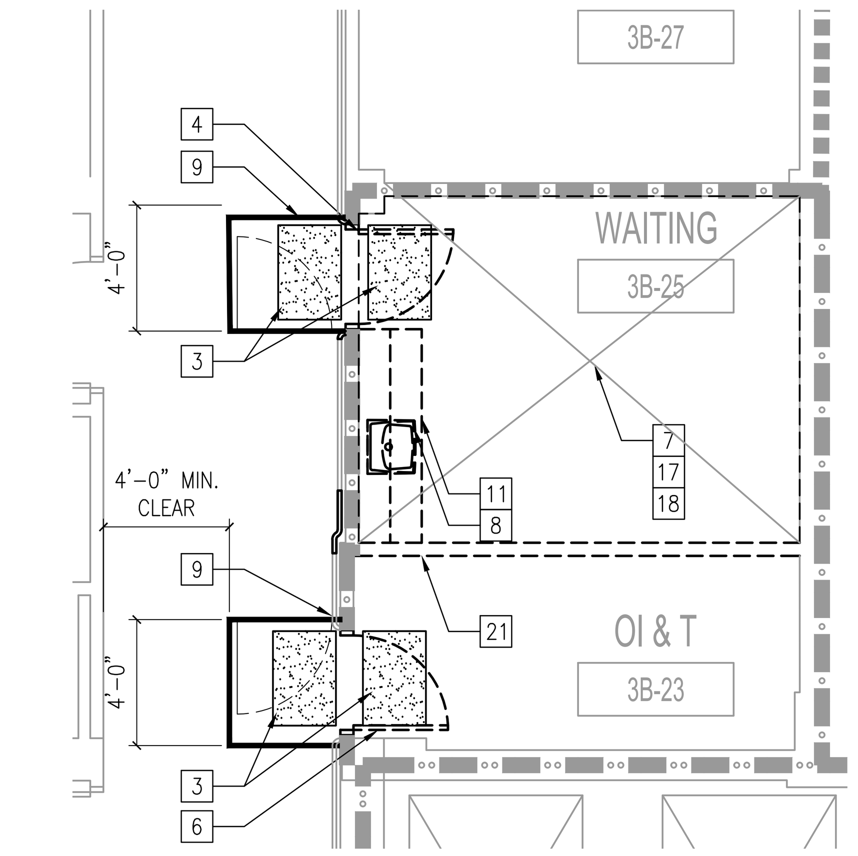
Project Title
EHRM INFRASTRUCTURE UPGRADES

Location
FARGO VA HEALTH CARE SYSTEM

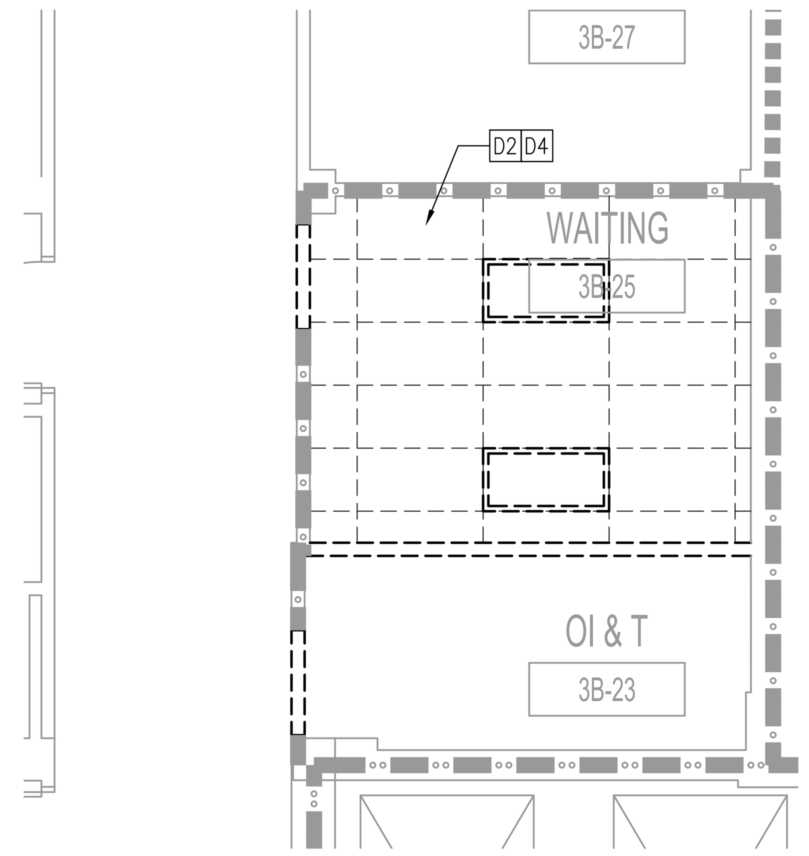
Issue Date 3/18/2022
Checked DA
Drawn JM

Project Number 437-21-205
Building Number 1-9-46
Drawing Number A-01-423

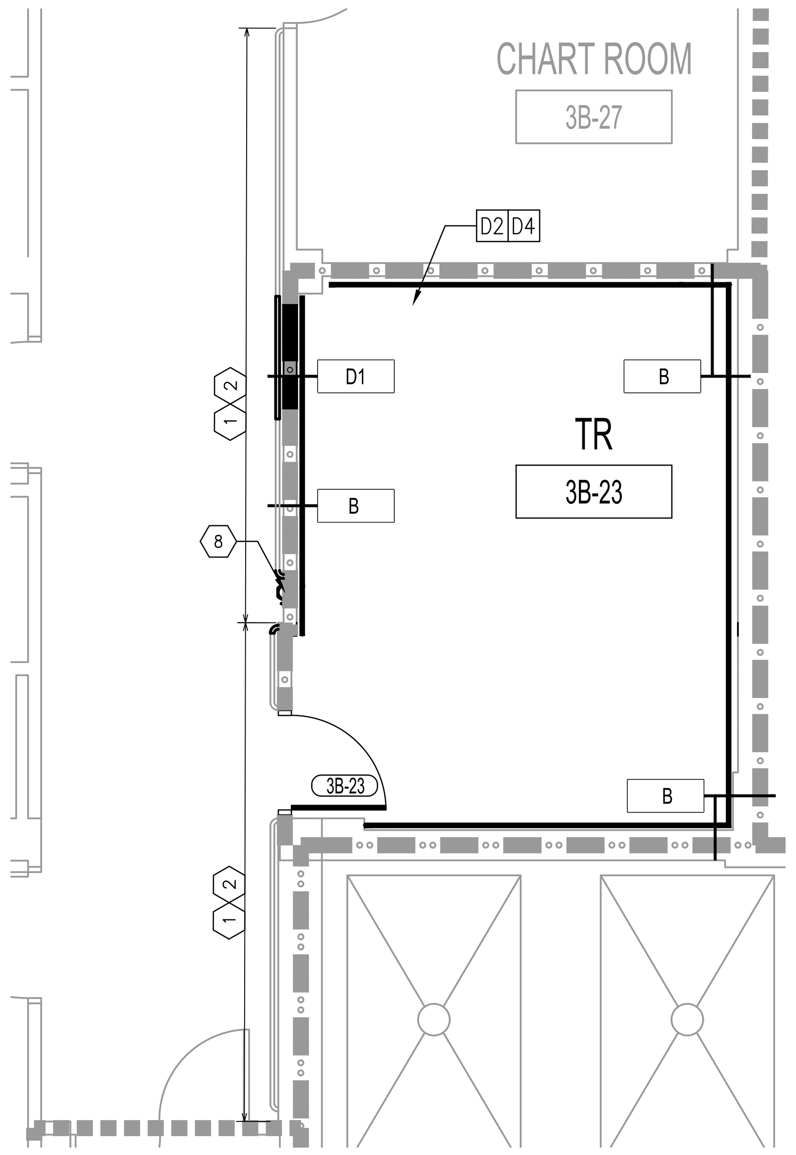
VA FORM 08 - 6231
3/16/2022 9:55:37 AM
K:\CCG_PROJECTS\2018\18-121 36C26319D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-423.dwg



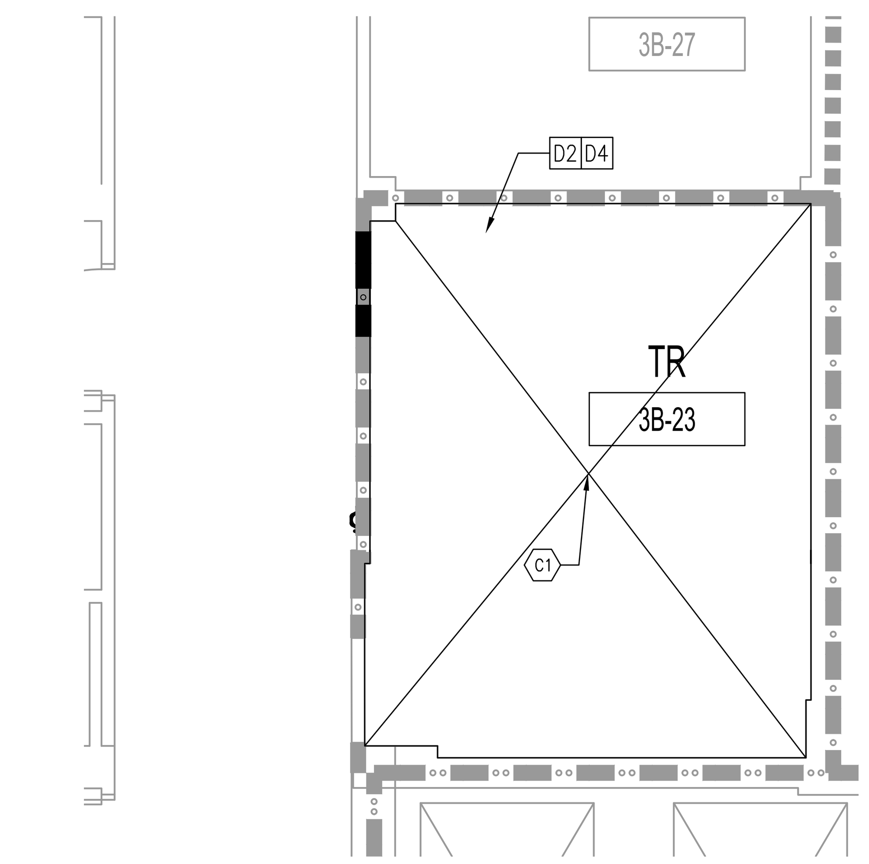
1 BUILDING 09 - ENLARGED DEMO PLAN RM 3B-23
1/4"=1'-0"



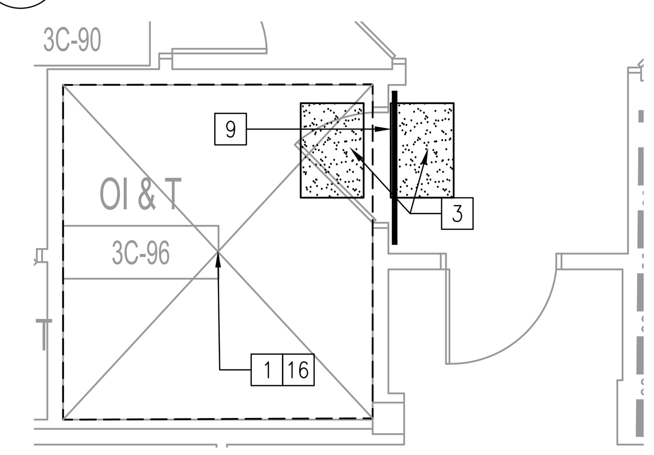
2 BUILDING 09 - REFLECTED CEILING DEMO PLAN RM 3B-23
1/4"=1'-0"



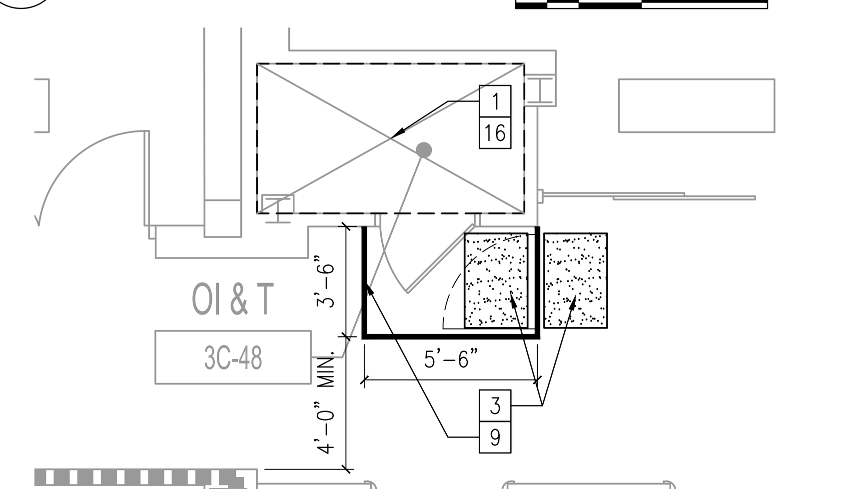
3 BUILDING 09 - ENLARGED PLAN RM 3B-23
1/4"=1'-0"



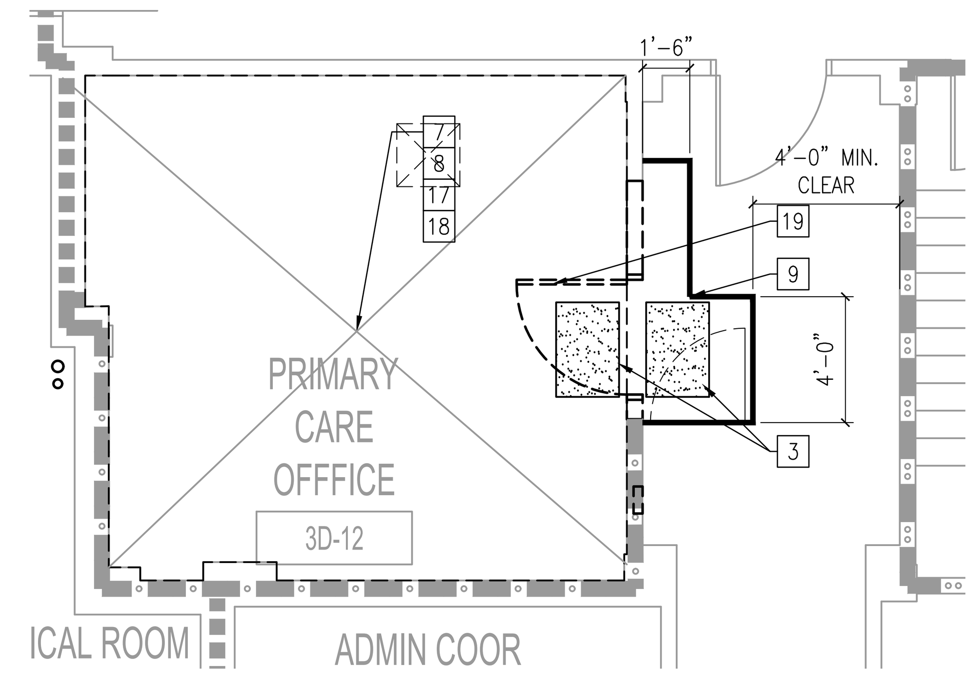
4 BUILDING 09 - REFLECTED CEILING PLAN RM 3B-23
1/4"=1'-0"



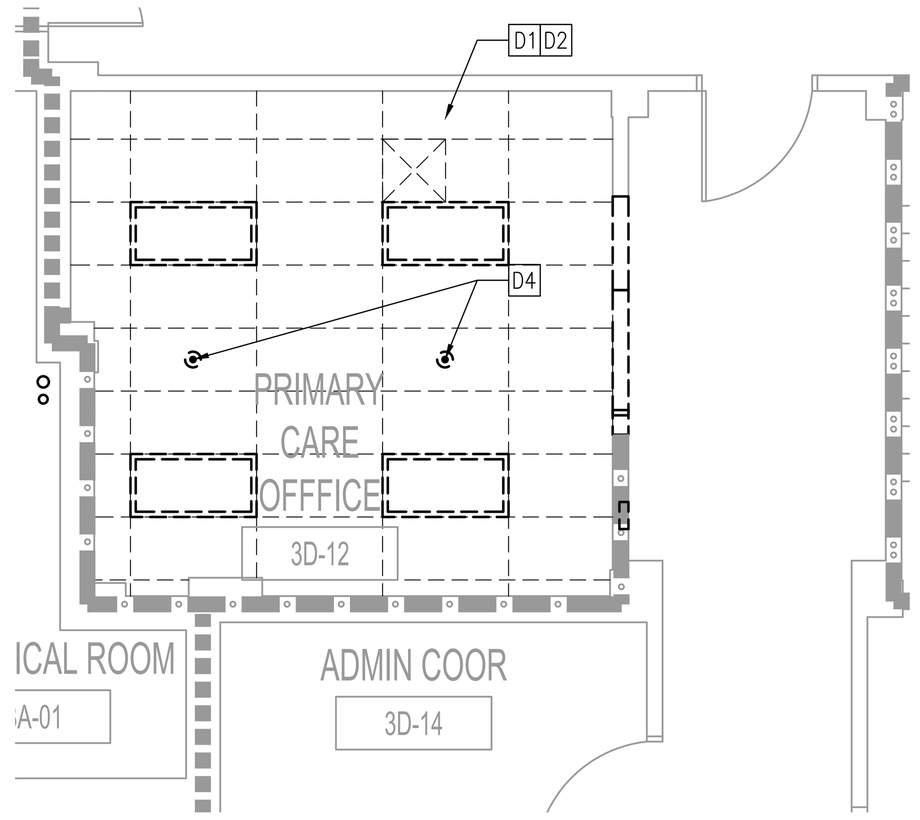
5 BUILDING 01 - ENLARGED DEMO PLAN RM 3C-96
1/4"=1'-0"



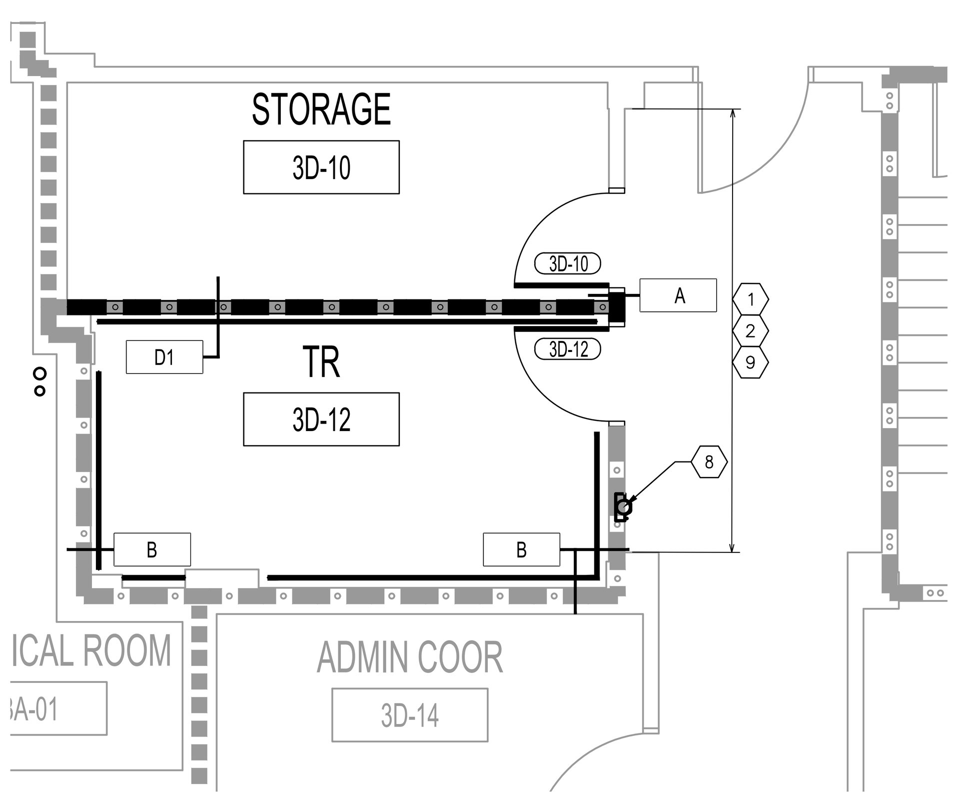
6 BUILDING 46 - ENLARGED DEMO PLAN RM 3C-48
1/4"=1'-0"



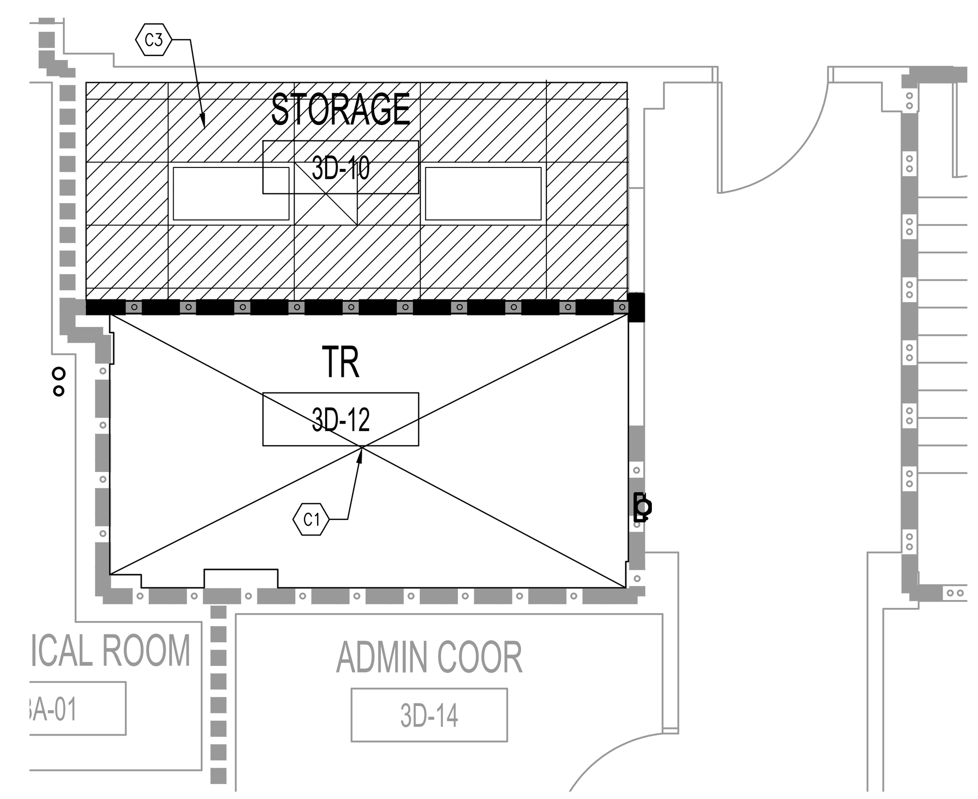
7 BUILDING 01 - ENLG DEMO PLAN RM 3D-10 + 3D-12
1/4"=1'-0"



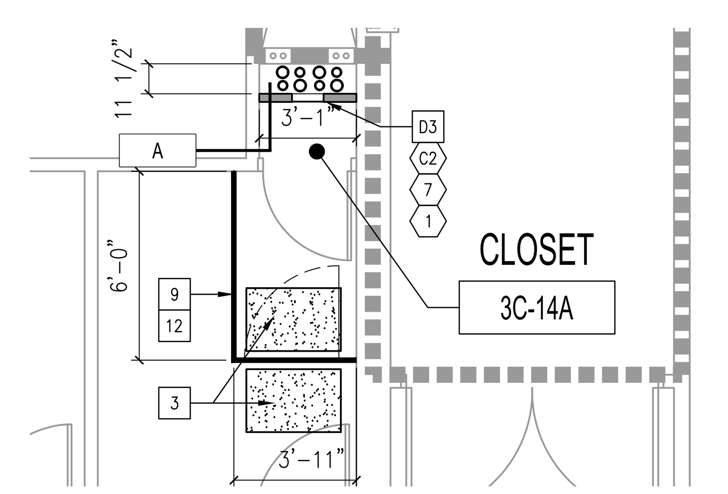
8 BUILDING 01 - REFL CEILING DEMO PLAN RM 3D-10 + 3D-12
1/4"=1'-0"



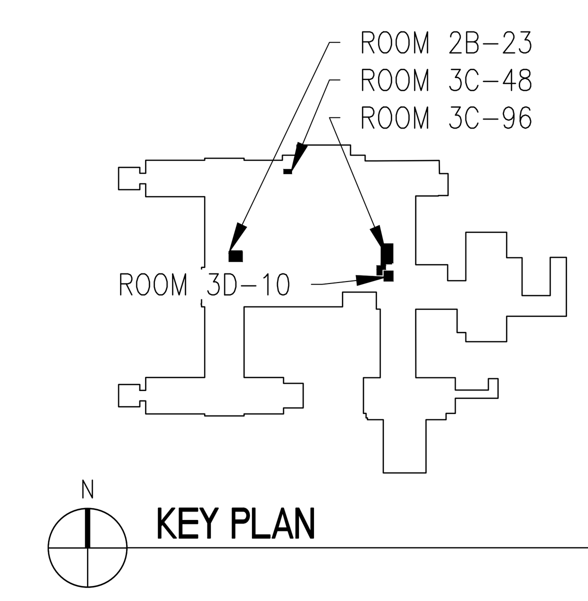
9 BUILDING 01 - ENLG PLAN RM 3D-10 + 3D-12
1/4"=1'-0"



10 BUILDING 01 - REFL CEILING PLAN RM 3D-10 + 3D-12
1/4"=1'-0"



11 BUILDING 01 - ENLARGED PLAN RM 3C-14A
1/4"=1'-0"



KEY PLAN

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

[X] DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

[X] DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER
SMOKE BARRIER (EXISTING)

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBBINS 3028 DATE: 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - THIRD FLOOR

SHEET 73 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

Location: FARGO VA HEALTH CARE SYSTEM

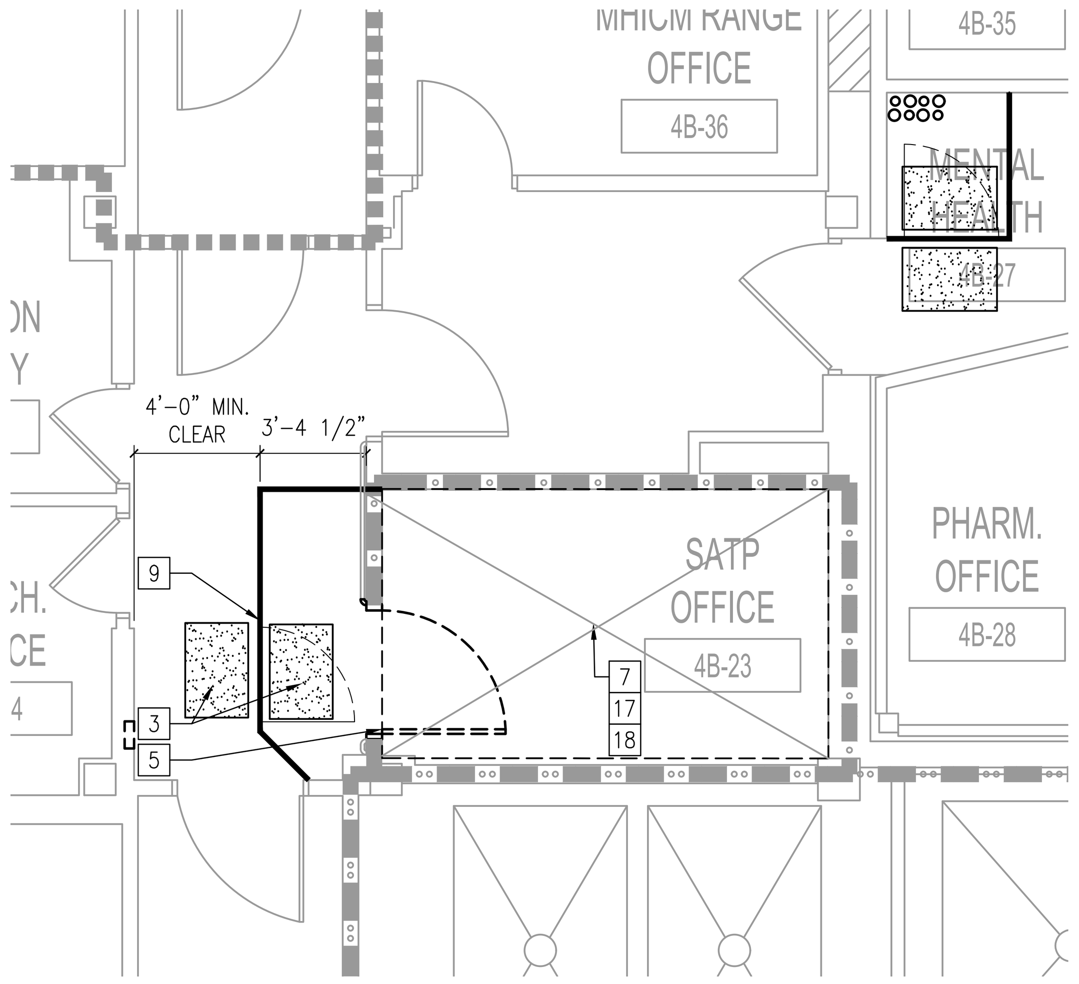
Drawing Number: A-01-431

Issue Date: 3/18/2022

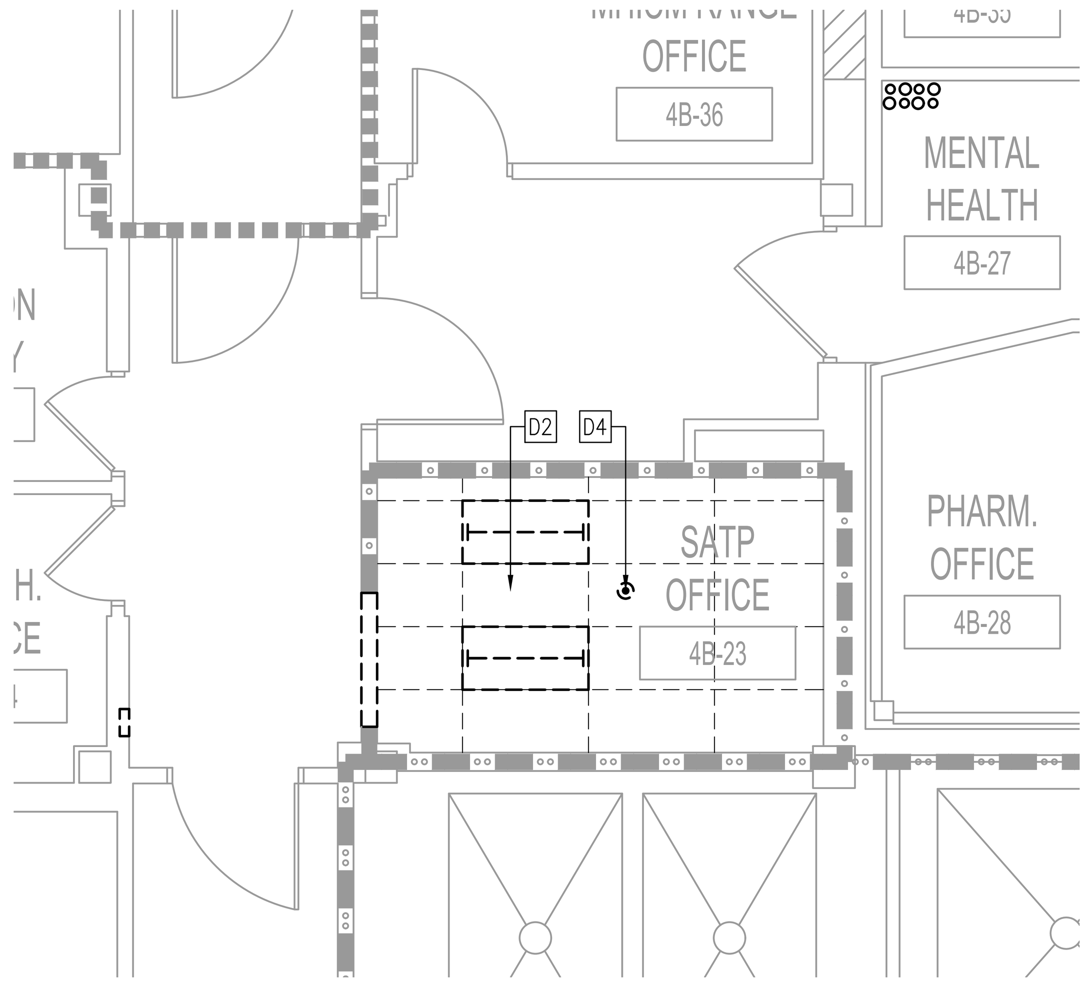
Checked: DA

Drawn: JM

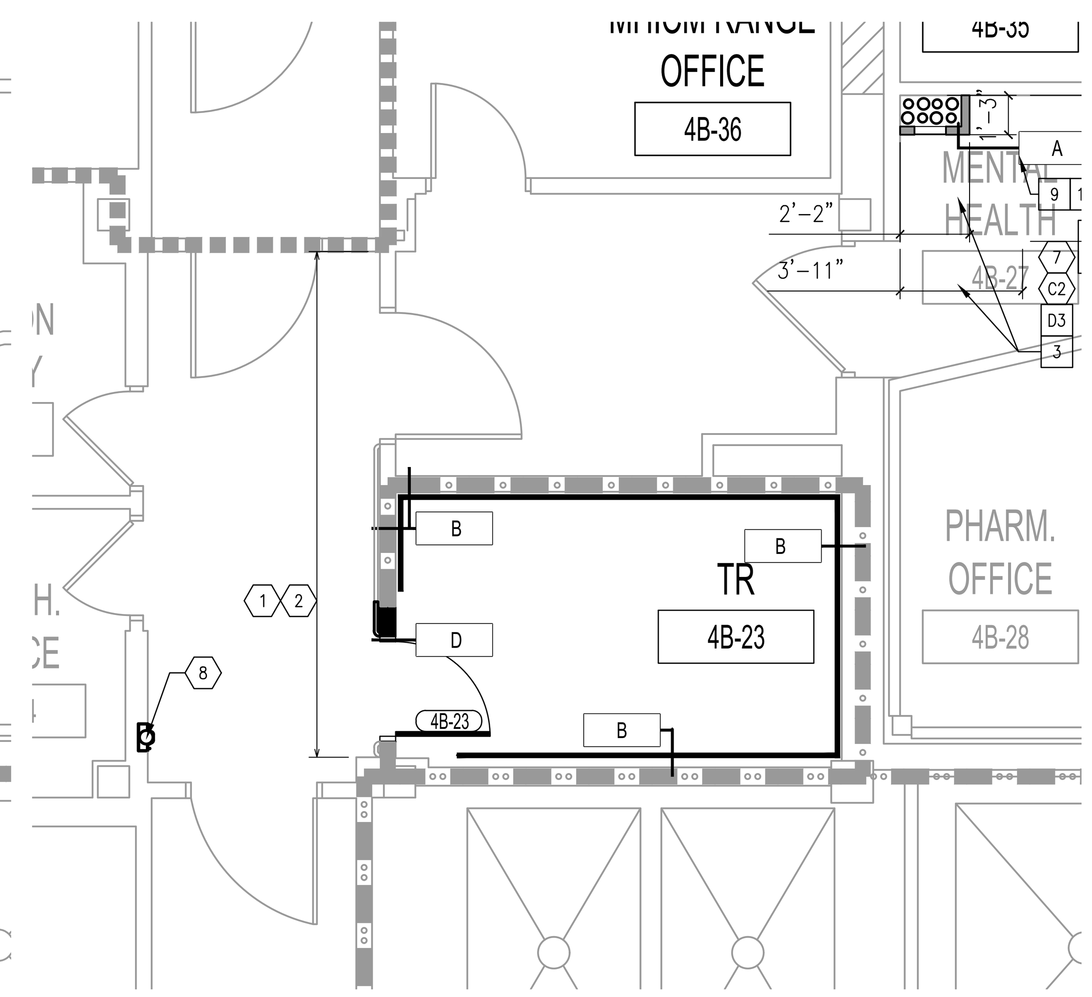
K:\CCG_PROJECTS\2018\18-121 36C26319D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-431.dwg
3/16/2022 9:27:37 AM



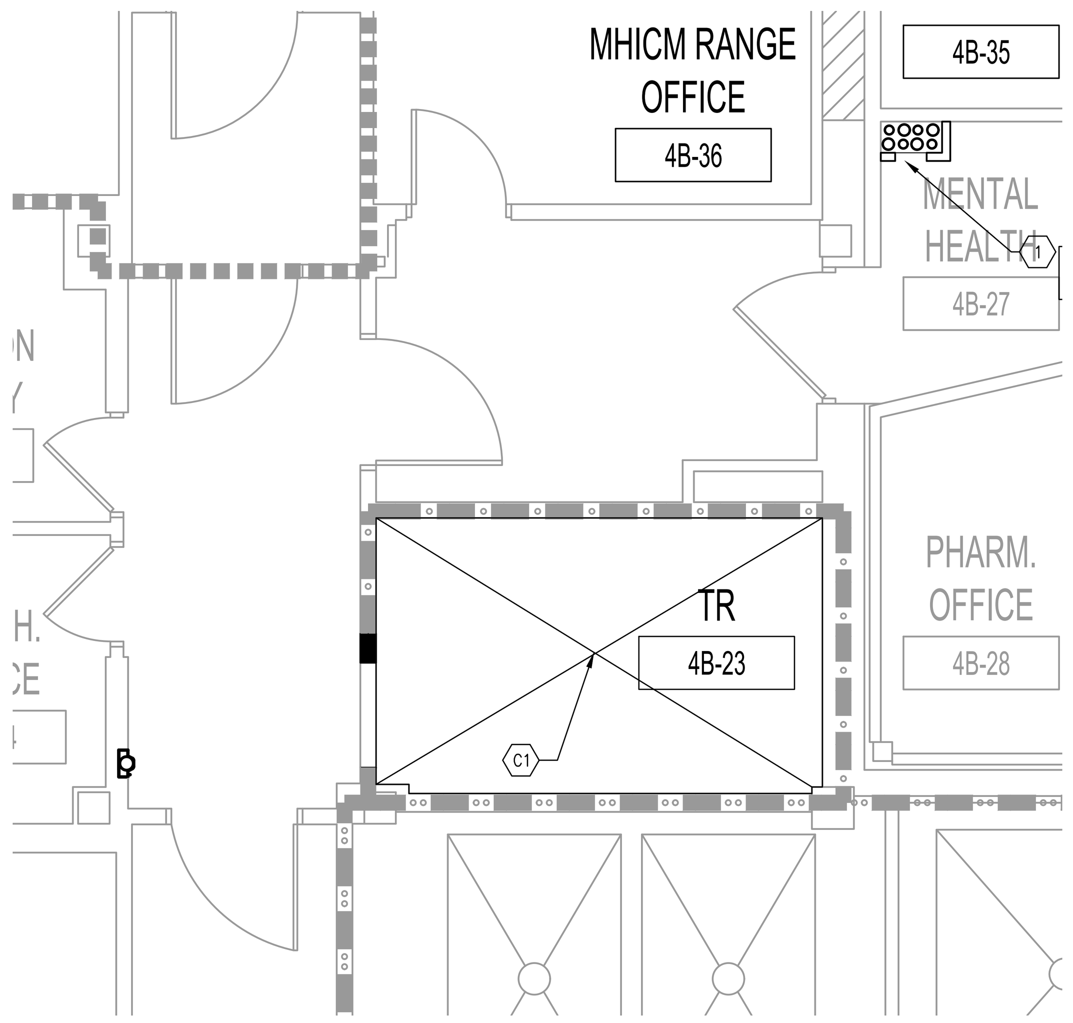
1 BUILDING 09 - ENLARGED DEMO PLAN RM 4B-23
1/4"=1'-0"
SEE SPECIAL NOTE A



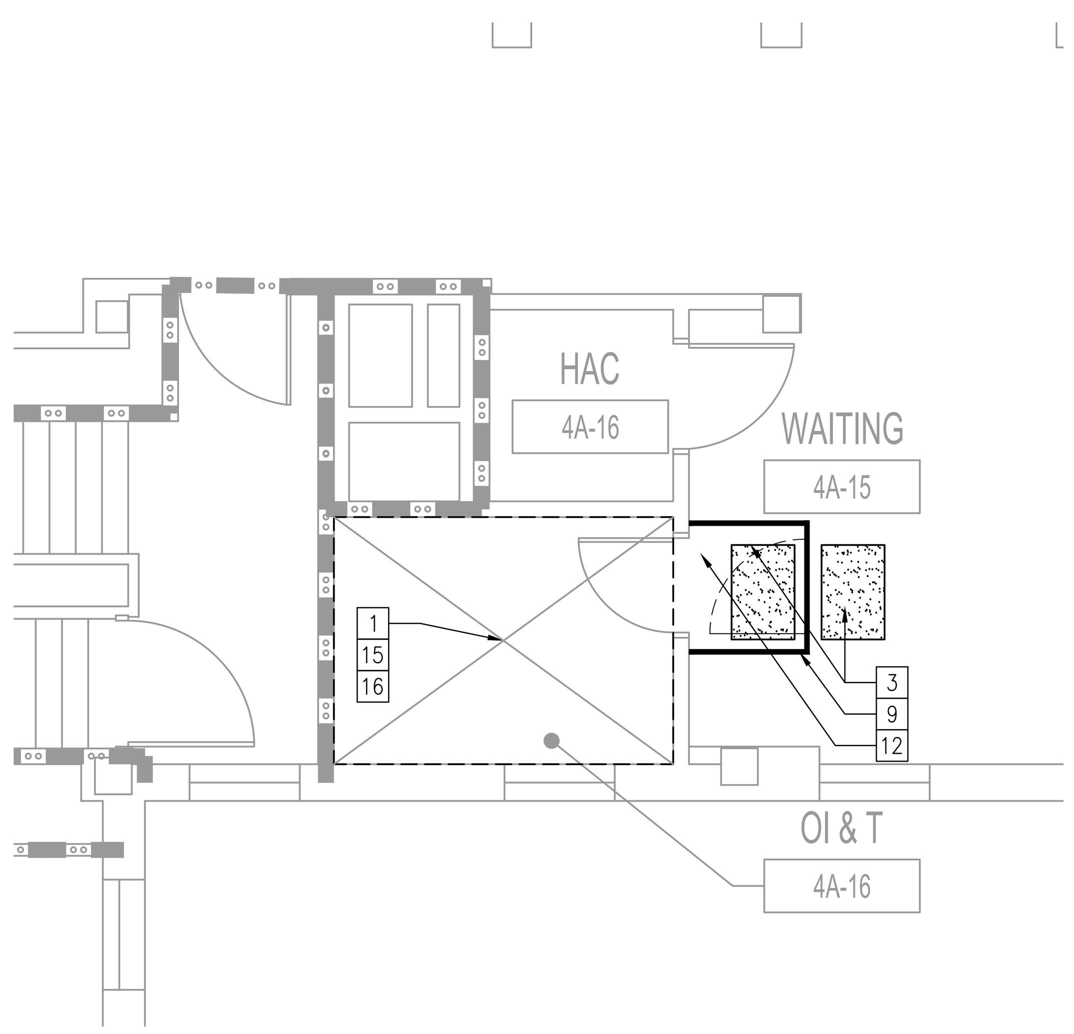
2 BUILDING 09 - REFLECTED CEILING DEMO PLAN RM 4B-23
1/4"=1'-0"
SEE SPECIAL NOTE A



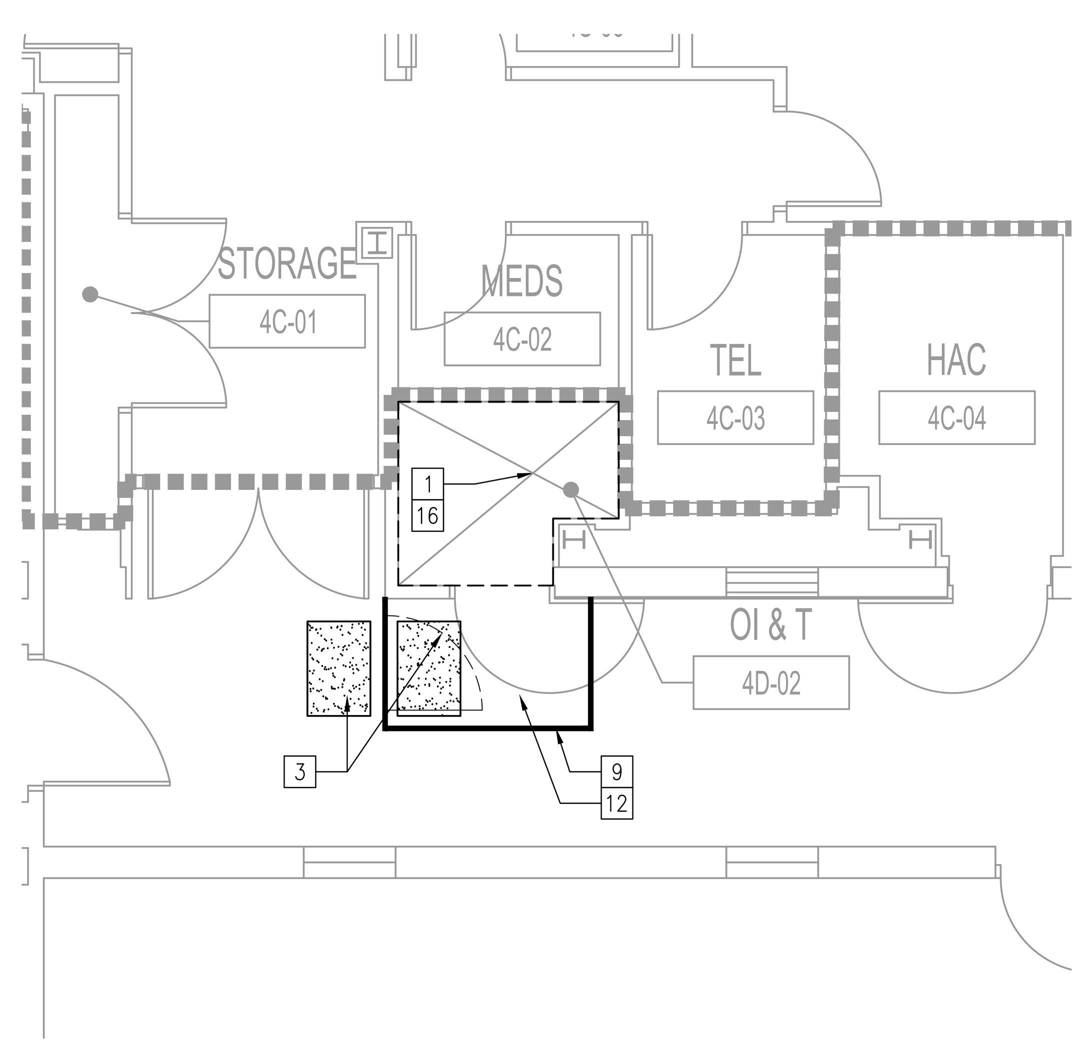
3 BUILDING 09 - ENLARGED PLAN RM 4B-23
1/4"=1'-0"
SEE SPECIAL NOTE A



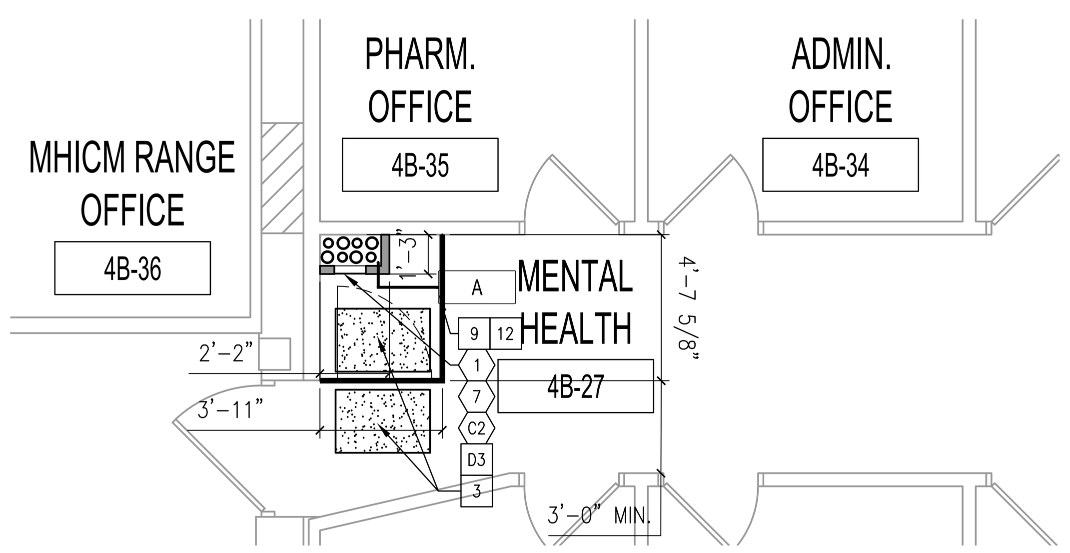
4 BUILDING 09 - REFLECTED CEILING PLAN RM 4B-23
1/4"=1'-0"
SEE SPECIAL NOTE A



5 BUILDING 09 - ENLARGED DEMO PLAN RM 4A-16
1/4"=1'-0"



6 BUILDING 01 - ENLARGED DEMO PLAN RM 4D-02
1/4"=1'-0"



7 BUILDING 09 - ENLARGED PLAN RM 4B-27
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

X DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

X DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

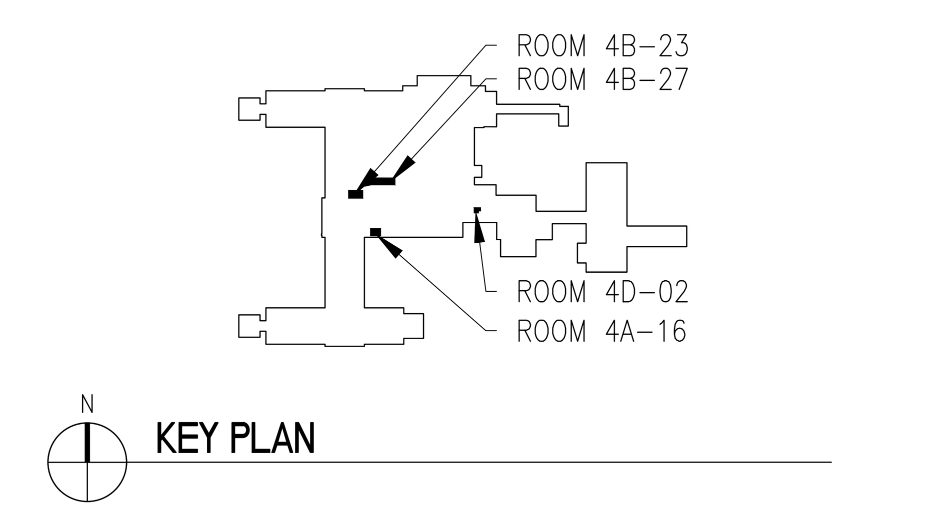
RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
2 HR FIRE BARRIER
SMOKE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER (EXISTING)

SPECIAL NOTE

A. AREA OF WORK IS LOCATED IN PATIENT METAL HEALTH WARD. ANY AND ALL PERSONNEL ENTERING MUST HAVE ADDITIONAL TRAINING AND APPROVAL FROM THE NURSE MANAGER.



KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
LICENSED ARCHITECT JOHN ELGIN ROBBINS 3028 DATE: 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - FOURTH FLOOR

SHEET 74 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

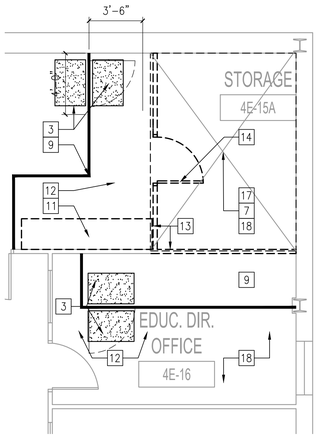
Building Number: 1-9-46

Location: FARGO VA HEALTH CARE SYSTEM

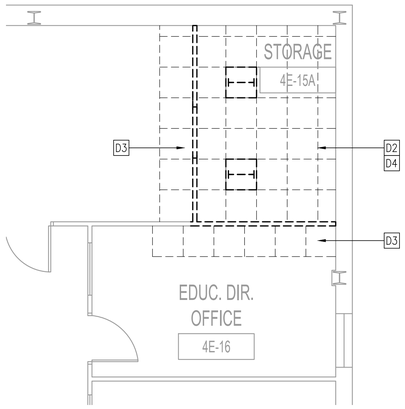
Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Drawing Number: A-01-441

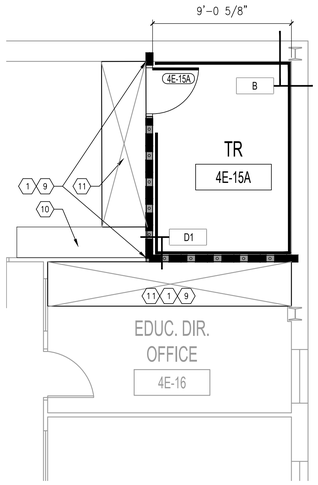
VA FORM 08 - 6231
K:\CCG_PROJECTS\2018\18-121 36C26319D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-441.dwg
3/16/2022 9:28:42 AM



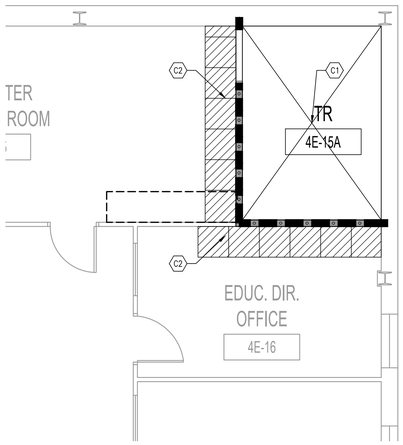
1 BUILDING 01 - ENLARGED DEMO PLAN RM 4E-15A
1/4"=1'-0"



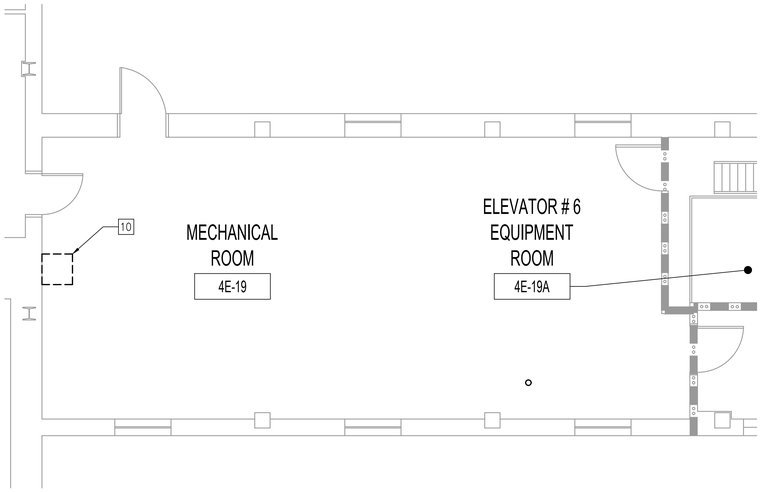
2 BUILDING 01 - REFLECTED CEILING DEMO PLAN RM 4E-15A
1/4"=1'-0"



3 BUILDING 01 - ENLARGED PLAN RM 4E-15A
1/4"=1'-0"



4 BUILDING 01 - REFLECTED CEILING PLAN RM 4E-15A
1/4"=1'-0"



5 BUILDING 01 - ENLARGED DEMO PLAN RM 4E-19
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.
I. ALL EXISTING WALLS WITH TR'S ARE TO BE FULLY PATCHED & PREPPED TO A LIKE NEW APPEARANCE BEFORE RECEIVING NEW PLYWOOD PANELS.
J. IN ALL EXISTING OI&T AND IRM ROOMS TO BE CONVERTED TO TR'S - ALL EXISTING PLYWOOD PANELS TO BE REMOVED A WALLS PATCHED AND PREPPED TO RECEIVE PAINT AND NEW PLYWOOD PANELS.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER /SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. INSTALL LVT/VCT TO MATCH EXISTING ADJACENT.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS PANEL TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. INSTALL NEW WALL BASE. FINISHES TO MATCH EXISTING ADJACENT.
10. REINSTALL CASEWORK TO FINISHED, WORKING CONDITION. PAINT WALL FULL HEIGHT, CORNER TO DOOR FRAME - MATCH EXISTING COLOR.
11. REPAIR/ REPLACE CARPET TO A SEAMLESS FINISHED APPEARANCE.
12. INFILL FLOOR OPENING WITH CONCRETE WITH F'C = 3,000 P.S.I. MINIMUM IF LESS THAN 3". IF MORE THAN 3" CONTACT COR AND STRUCTURAL ENGINEER BEFORE PROCEEDING. PREP SURFACE TO RECEIVE SCHEDULED FLOOR FINISH.
13. INFILL WINDOW OPENING. SEE DETAILS 1 & 7 / A-503 SIMILAR.

(X) DEMOLITION PLAN KEYNOTES

1. G.C. TO REMOVE SELECT EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA. SEE TELECOM, SECURITY & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO REMOVE ALL PLUMBING FIXTURE. CAP SUPPLY AT MAIN TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. REMOVE EXISTING WALL MOUNTED SERVER RACK.
11. GC TO CAREFULLY REMOVE ALL CASEWORK/ FURNITURE AND HOLD FOR REINSTALLATION.
12. PROTECT EXISTING FLOOR FINISH MATERIAL. REPAIR/REPLACE ANY DAMAGED FINISH MATERIAL TO PROVIDE FOR A SEAMLESS, FINISHED APPEARANCE.
13. REMOVE PARTITION - FULL HEIGHT TO EXTENT SHOWN.
14. REMOVE DOOR AND FRAME.
15. REPLACE EXISTING ENTIRE LAY-IN CEILING ASSEMBLY WITH NEW TO MATCH. INSTALL NEW LIGHT FIXTURE.
16. AFTER REMOVAL OF ALL SCHEDULED EQUIPMENT ,PAINT ENTIRE WALL-FULL HEIGHT.
17. REMOVE EXISTING WALL BASE (ALL WALLS) AND PREPARE WALLS TO RECEIVE NEW BASE.
18. G.C. TO CAREFULLY REMOVE FURNITURE AND WALL SHELVING WITHIN EXISTING ROOM AND TURN OVER TO THE VA.
19. REMOVE PORTION OF WALL AS SHOWN AND DOOR, FRAME AND HARDWARE AS REQUIRED TO ACCOMMODATE NEW DOOR OPENING(S). PATCH WALL TO MATCH EXISTING ADJACENT. PREPARE FOR PAINT.
20. CAREFULLY REMOVE EMBEDDED SCALE AND ASSOCIATED DIGITAL READER. TURN OVER TO VA.
21. REMOVE WALL TO EXTENT SHOWN. PATCH ADJACENT WALLS TO FINISHED APPEARANCE.
22. REMOVE WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE WALL INFILL CONSTRUCTION.
23. REMOVE EXISTING WALL AS REQUIRED TO RECEIVE SCHEDULED DOOR AND FRAME INSTALLATION.
24. REMOVE EXISTING VCT/ LVT AND ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
25. CAREFULLY REMOVE PORCELAIN TILE. TURN OVER TO VA. REMOVE GROUT DOWN TO CONCRETE SUBSTRATE AND PREPARE TO RECEIVE NEW SCHEDULED FINISH.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION IS NOT PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE. FOR BID PURPOSES ASSUME ENTIRE CEILING EXTENT IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.
C3. INSTALL ACT CEILING ASSEMBLY AND LIGHT FIXTURES. SEE FIRE PROTECTION, MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION.

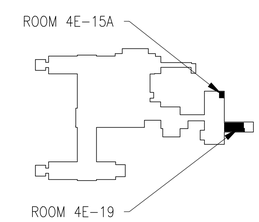
(X) DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING ASSEMBLY IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES AND DIFFUSERS.
D3. REMOVE EXISITING CEILING GRID TO EXTENT REQUIRED TO ACCOMIDATE NEW PARTITIONS.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.
D5. REMOVE EXISTING GYPSUM BOARD CEILING AND FRAMING ABOVE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

1HR FIRE BARRIER
1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER
2 HR FIRE BARRIER (EXISTING)
SMOKE BARRIER
SMOKE BARRIER (EXISTING)



N
KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP
LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - FOURTH FLOOR

SHEET 75 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Project Number: 437-21-205

Building Number: 1-9-46

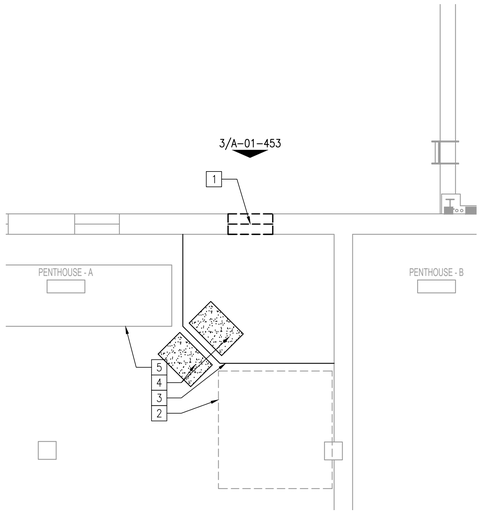
Location: FARGO VA HEALTH CARE SYSTEM

Drawing Number: A-01-442

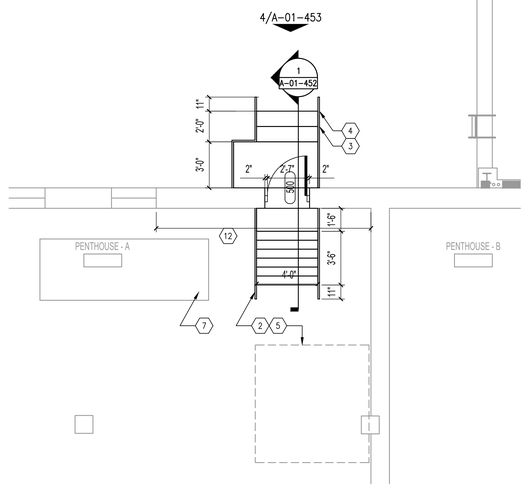
Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

VA FORM 08 - 6231

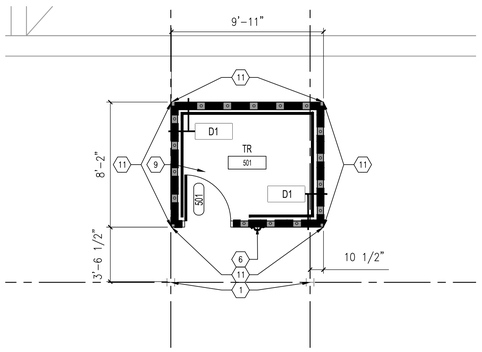
K:\CCG_PROJECTS\2018\18-121 36C263190D044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B01-442.dwg
3/18/2022 9:27:44 AM



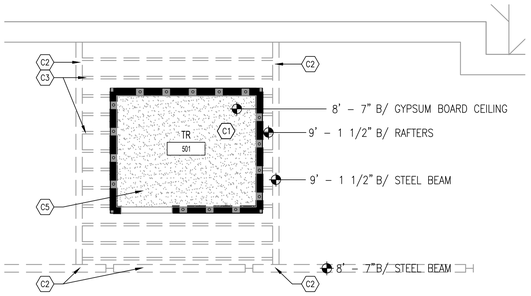
1 BUILDING 09 - ENLARGED DEMO PLAN
1/4"=1'-0"



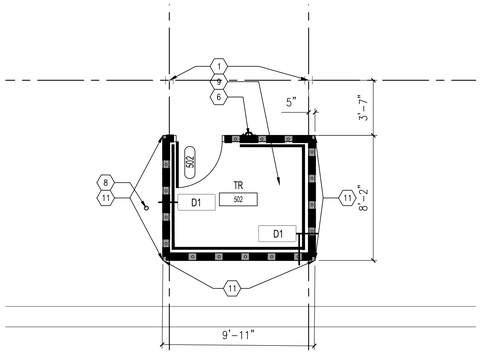
2 BUILDING 09 - ENLARGED PLAN
1/4"=1'-0"



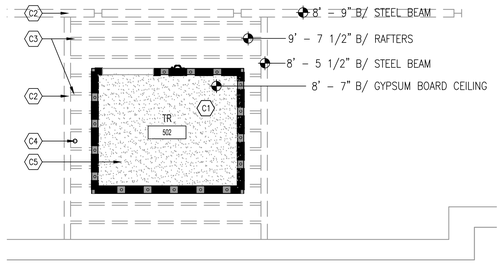
3 BUILDING 09 - ENLARGED PLAN RM 501
1/4"=1'-0"



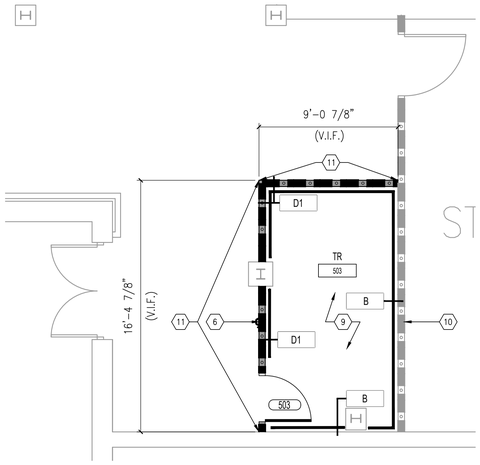
4 BUILDING 09 - ENLARGED REFLECTED CEILING PLAN RM 501
1/4"=1'-0"



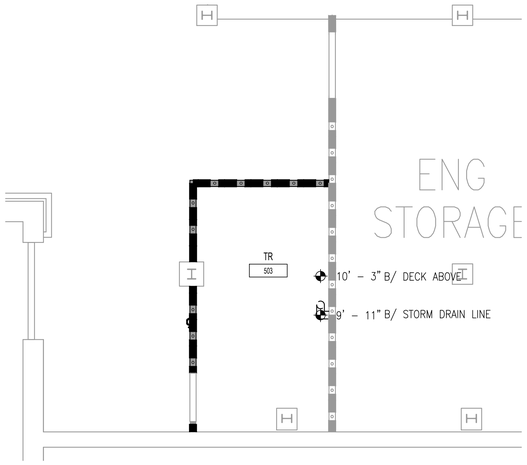
5 BUILDING 09 - ENLARGED PLAN RM 502
1/4"=1'-0"



6 BUILDING 09 - ENLARGED REFLECTED CEILING PLAN RM 502
1/4"=1'-0"



7 BUILDING 46 - ENLARGED PLAN RM 503
1/4"=1'-0"



8 BUILDING 46 - ENLARGED REFLECTED CEILING PLAN RM 503
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.

FLOOR PLAN LEGEND

4"X8" AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER/SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

X DEMO CEILING KEYNOTES

NOT USED

X DEMOLITION PLAN KEYNOTES

1. REMOVE EXISTING WINDOW ASSEMBLY IN ITS ENTIRETY PREP OPENING FOR INFILL.
2. PAGING ANTENNA SAFETY ZONE. DO NOT ENTER.
3. PROVIDE AND INSTALL VISQUEEN TYPE PLASTIC SHEET AND ZIPPER DOOR AS REQUIRED TO MAINTAIN TYPE IV INFECTION CONTROL PRECAUTIONS. EXTEND AND SEAL TO ROOF DECK/STRUCTURE AND EXISTING WALLS.
4. PROVIDE AND INSTALL WALK OFF MAT(S).
5. EXISTING AIR HANDLER. PROTECT.

X CEILING PLAN KEYNOTES

C1. 1HR RATED CEILING SHAFT WALL ASSEMBLY. SEE SPEC SECTION 07 84 00.
C2. EXISTING STEEL BEAM ABOVE.
C3. EXISTING RAFTERS ABOVE.
C4. PAINT FULL EXTENT OF TOP OF SHAFT WALL ASSEMBLY.

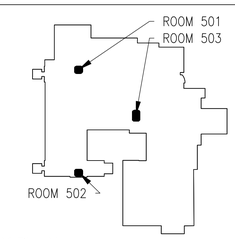
X FLOOR PLAN KEYNOTES

1. EXISTING STEEL COLUMN.
2. PROVIDE AND INSTALL NEW SHIP LADDER.
3. PROVIDE AND INSTALL NEW METAL ACCESS STAIRS. REFER TO STRUCTURAL DRAWINGS.
4. REMOVE SECTIONS OF EXISTING ROOF TO INSTALL NEW STAIR SUPPORTS. PROVIDE BOOT FLASHING AT ALL SUPPORT LOCATIONS. TIE-INTO EXISTING ROOF ASSEMBLY.
5. PAGING ANTENNA SAFETY ZONE. DO NOT ENTER.
6. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
7. EXISTING AIR HANDLER. PROTECT.
8. EXISTING PIPE.
9. PREP AND LEVEL CONC FLOOR SLAB TO RECEIVE SCHEDULED FINISH.
10. CONTRACTOR TO CONFIRM FIRE-RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATED.
11. PAINT FULL EXTENT OF EXPOSED PARTITION. SEE ALSO FINISH SCHEDULE.
12. PAINT FULL HEIGHT OF WALL TO EXTENT SHOWN. MATCH EXISTING COLOR.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- SMOKE BARRIER
- SMOKE BARRIER (EXISTING)
- 1 HR FIRE BARRIER
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER
- 2 HR FIRE BARRIER (EXISTING)



N KEY PLAN

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - ENLARGED PLANS - PENTHOUSE

SHEET 76 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

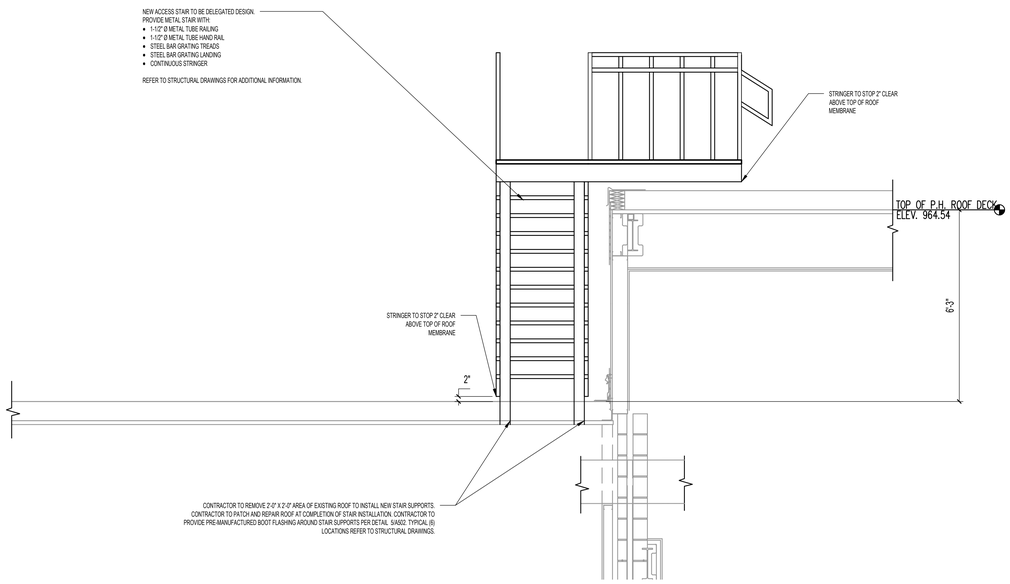
Project Number: 437-21-205

Building Number: 01-09-46

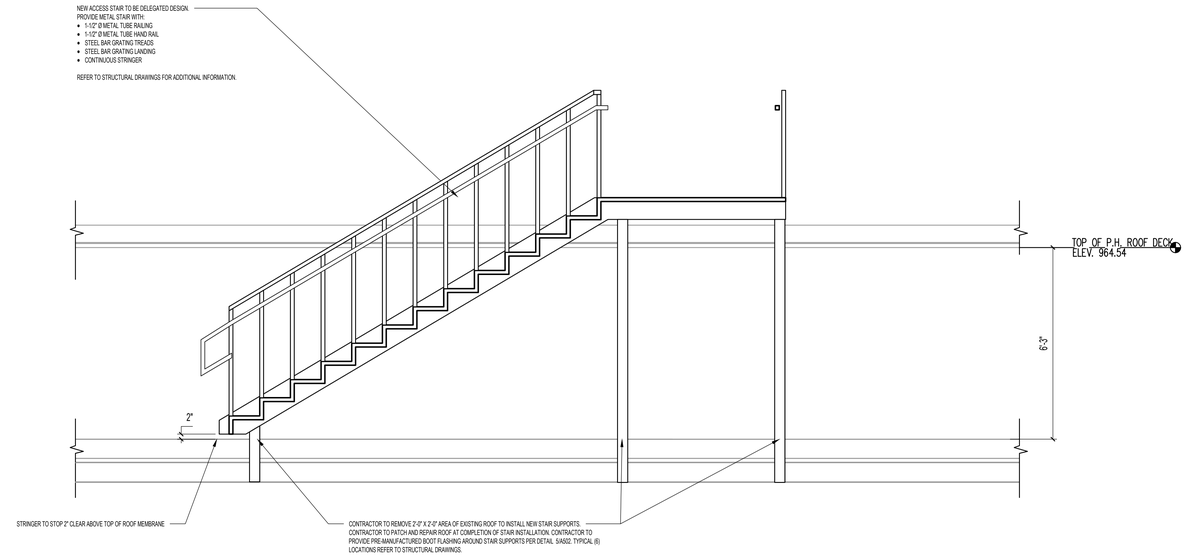
Drawing Number: A-01-451

K:\CCG_PROJECTS\2018\18-121 36\C2631\BD0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\450- DesignDocs\402- Drawings\WORKING\A-B01-451.dwg
3/18/2022 9:55:33 AM

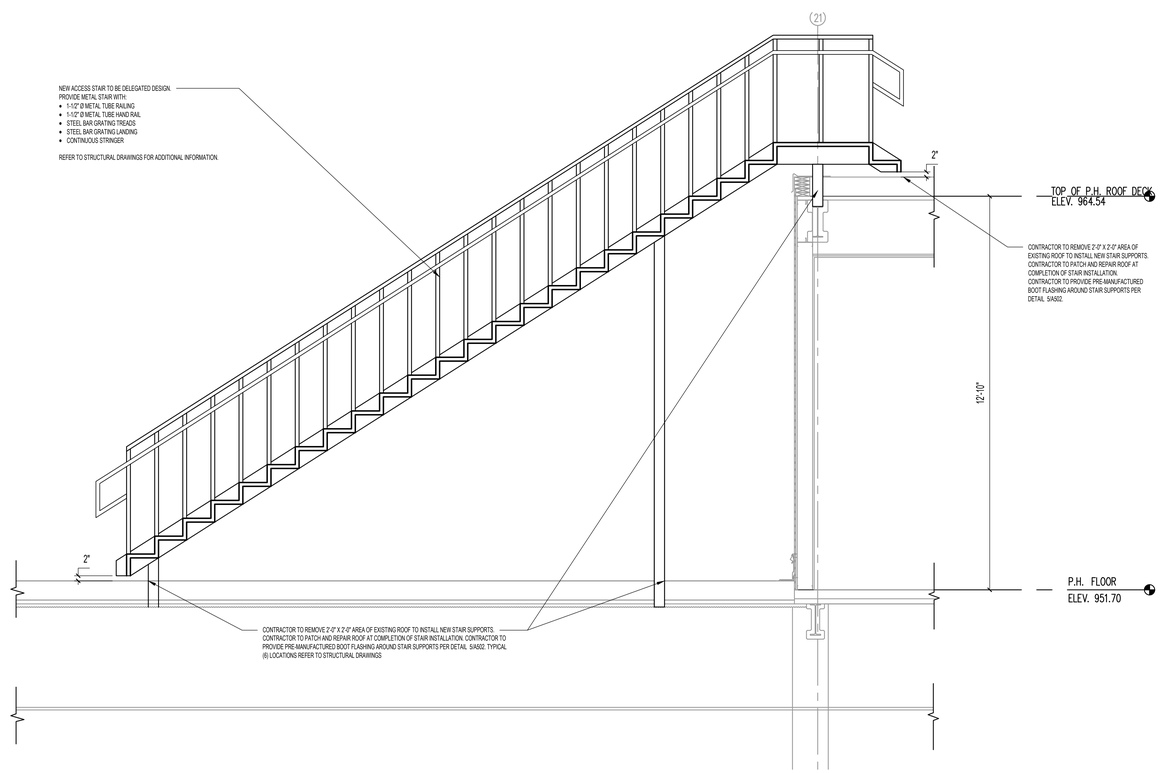
VA FORM 08 - 6231



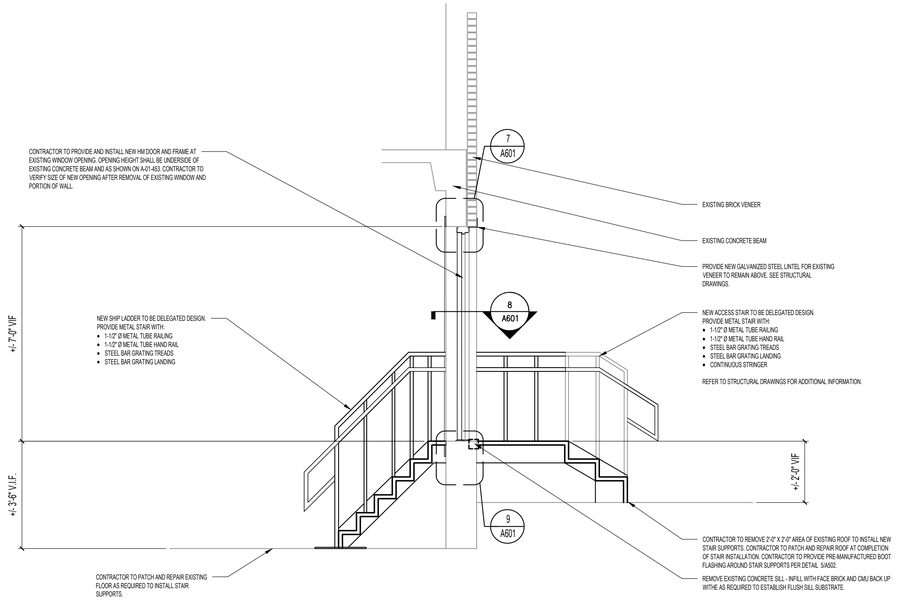
4 BUILDING 09 - SECTION AT NEW ACCESS STAIR (STAIR 1)
1/2"=1'-0"



2 BUILDING 09 - SECTION AT NEW ACCESS STAIR (STAIR 1)
1/2"=1'-0"



3 BUILDING 09 - SECTION AT NEW ACCESS STAIR (STAIR 2)
1/2"=1'-0"



1 BUILDING 09 - SECTION AT NEW SHIP LADDER + EXTERIOR STAIR (WINDOW STAIR)
1/2"=1'-0"

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
LICENSED ARCHITECT
JOHN ELGIN ROBERTS
3028
DATE 03-18-2022
STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46 - PENTHOUSE TR SECTION & DETAILS

SHEET 77 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

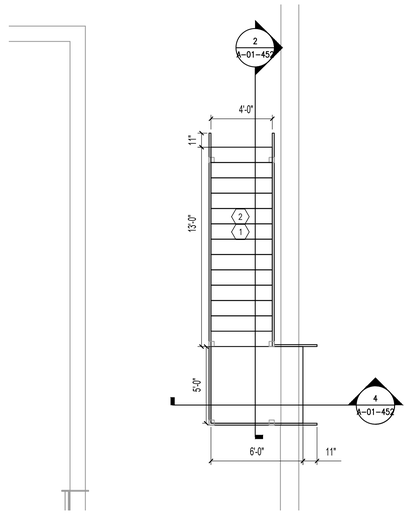
Project Number: 437-21-205

Building Number: 01-09-46

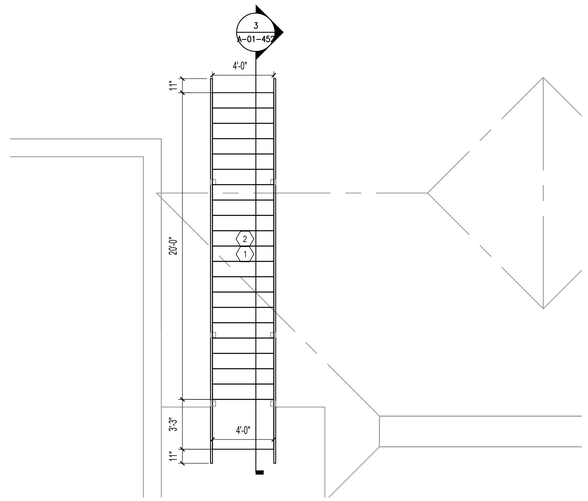
Drawing Number: A-01-452

K:\CCG_PROJECTS\20\18\18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\450- Dell Dock\402- Drawings\WORKING\A-B01-452.dwg 3/18/2022 9:25:57 AM

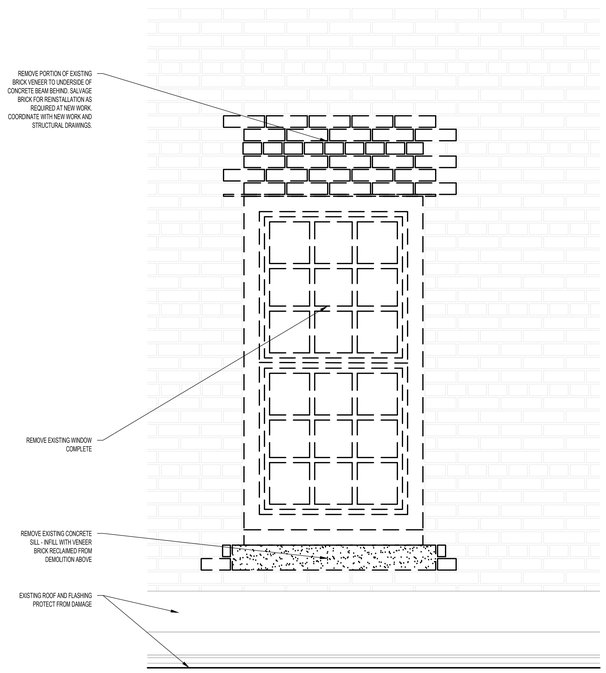
VA FORM 08 - 6231



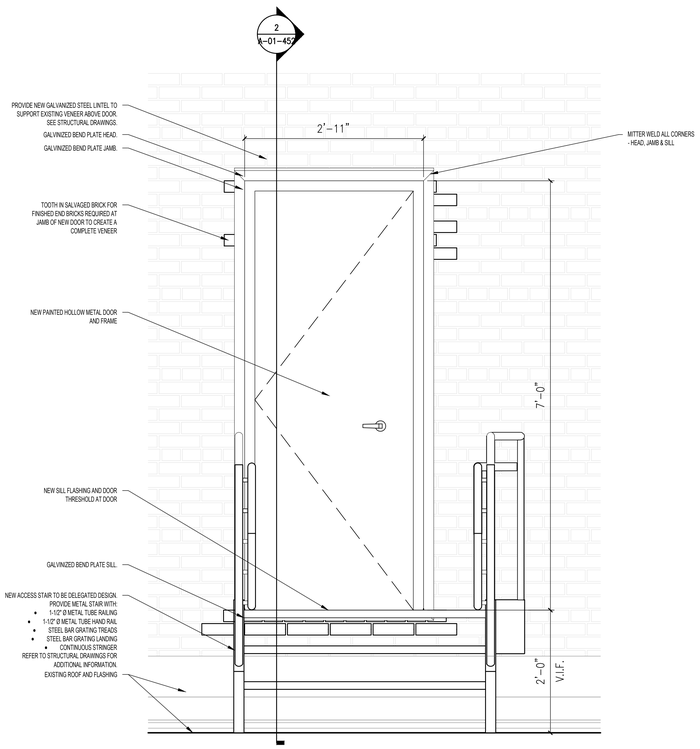
1 ROOF - ENLARGED PLAN
1/4"=1'-0"



2 ROOF - ENLARGED PLAN
1/4"=1'-0"



3 ROOF - ACCESS DOOR - DEMOLITION
1"=1'-0"



4 ROOF - ACCESS DOOR
1"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEYANOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.

(X) FLOOR PLAN KEYNOTES

1. PROVIDE NEW METAL ACCESS STAIRS. REFER TO STRUCTURAL DRAWINGS.
2. REMOVE SECTIONS OF EXISTING ROOF TO INSTALL NEW STAIR SUPPORTS. PROVIDE BOOT FLASHING AT ALL SUPPORT LOCATIONS. TIE-INTO EXISTING ROOF ASSEMBLY.

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT
JOHN ELGIN ROBERTS
3028
DATE 03/18/2022
STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 1-9-46-ENLARGED PLANS-ROOF STAIR

SHEET 78 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

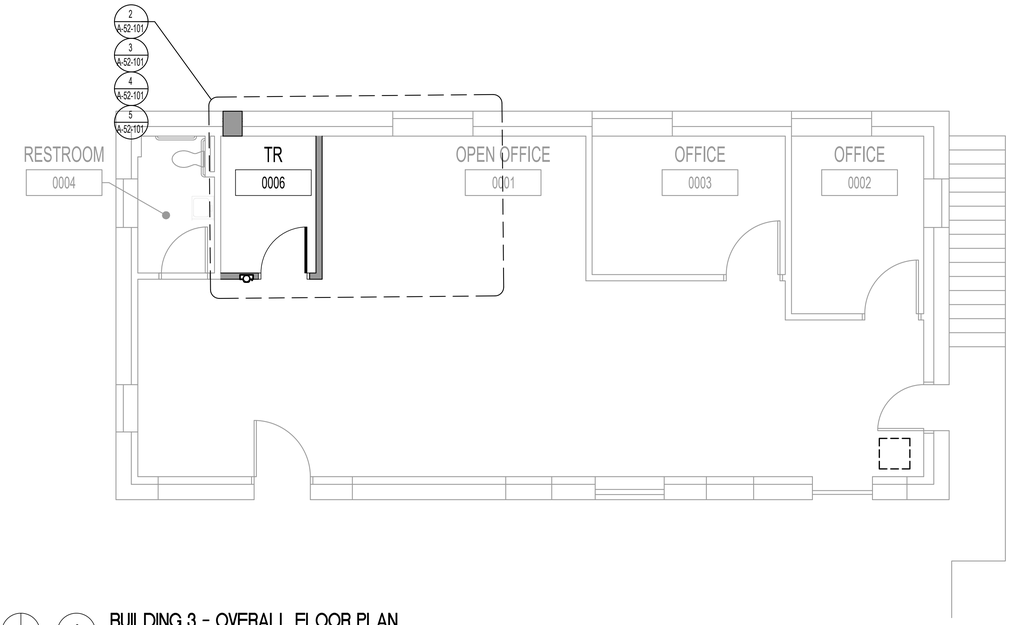
Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205

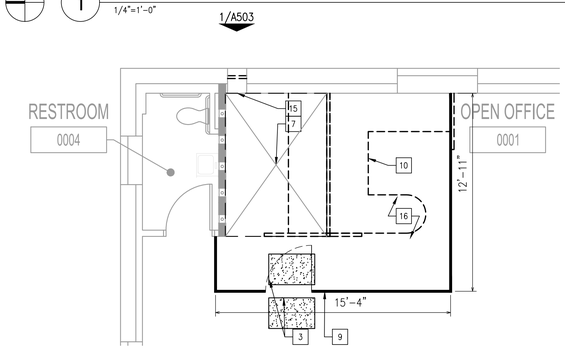
Building Number: 01-09-46

Drawing Number: A-01-453

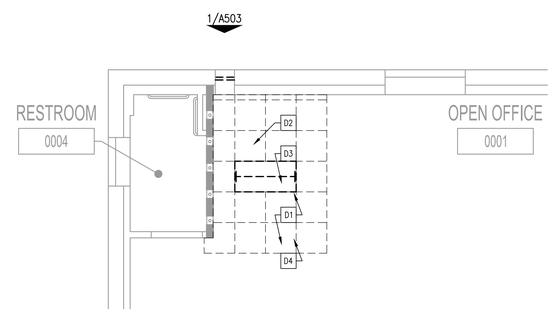
K:\CCG_PROJECTS\2018\18-121 36C293\19D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400. Dwg\Docs\402. Drawings\WORKING\A-B01-453.dwg
3/13/2022 2:03:09 PM
VA FORM 08 - 6231



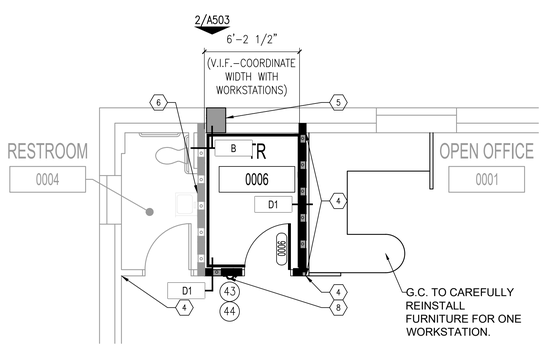
N 1 BUILDING 3 - OVERALL FLOOR PLAN
1/4"=1'-0"



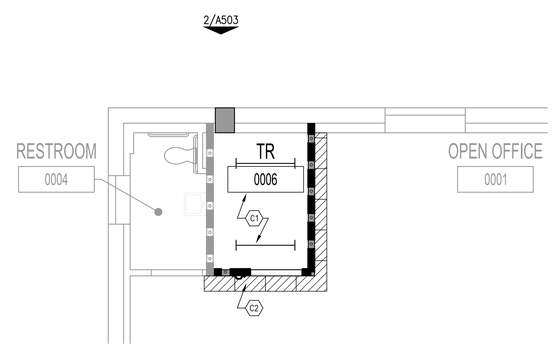
2 BUILDING 3 - ENLARGED DEMO PLAN - ROOM 0006
1/4"=1'-0"



3 BUILDING 3 - ENLARGED REFLECTED CEILING DEMO PLAN - ROOM 0006
1/4"=1'-0"



4 BUILDING 3 - ENLARGED PLAN - ROOM 0006
1/4"=1'-0"



5 BUILDING 3 - ENLARGED REFLECTED CEILING PLAN - ROOM 0006
1/4"=1'-0"

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.

FLOOR PLAN LEGEND

4'X8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD PAINTED HIGH GLOSS WHITE WITH (2) COATS OF FIRE RESISTANT PAINT FOR SERVICE PROVIDER/SECURITY/VIDEO/ETC. AROUND PERIMETER WALLS OF TRS AND ENTRANCE ROOMS AS SHOWN. ENSURE THAT FIRE RATING STAMP IS TO REMAIN UNCOVERED BY PAINT.

(X) DENOTES SIGNAGE LOCATION

DENOTES NEW CEILING

(X) FLOOR PLAN KEYNOTES

1. FINISH WALL CORNER TO CORNER AND FLOOR TO CEILING. PRIOR TO PAINTING THE ENTIRE WALL SURFACE WITH (1) FINISH COAT OF PAINT, PROVIDE (1) PRIME COAT AND (2) FINISH COATS OVER PATCHED/REPAIRED WALL SURFACES.
2. INSTALL NEW HANDRAIL, NEW CRASH RAIL AND WALL BASE TO CREATE LONG CONTINUOUS RUN. EXTEND HANDRAIL, CRASH RAIL AND WALL BASE TO NEXT ASSEMBLY JOINT. FOR DETAILS SEE SHEET A-502.
3. MODIFY EXISTING WALL CONSTRUCTION TO CONSTRUCT A WALL ASSEMBLY THAT IS 1HR RATED PARTITION, AS IDENTIFIED AS WALL TYPE A ON SHEET A501. THIS INCLUDES ADDING $\frac{5}{8}$" GYP. BOARD TO UNDERSIDE OF DECK ON BOTH SIDES OF WALL. BASIS OF DESIGN FOR 1HR WALL IS UL 419 ASSEMBLY.
4. PAINT FULL EXTENT OF EXPOSED WALL. SEE FINISH SCHEDULE.
5. WINDOW OPENING INFILL CONSTRUCTION.
6. CONTRACTOR TO CONFIRM FIRE RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING - INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATING.
7. PROVIDE 1' - 0" X 1' - 0" ACCESS HATCH TO BE LOCATED FOR VALVE ACCESS.
8. FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.
9. CONTRACTOR TO CONFIRM FIRE-RATED SEALANT AT HEAD AND BASE OF PARTITION. IF NOT EXISTING INSTALL (BOTH SIDES OF PARTITION) TO MAKE 1-HR RATED.

[X] DEMOLITION PLAN KEYNOTES

1. G.C. TO CAREFULLY REMOVE EQUIPMENT WITHIN EXISTING OI&T OR IRM ROOM AND TURN OVER TO VA.
2. EXISTING HANDRAIL, WALL BASE AND CARPET TO BE MODIFIED TO ACCEPT NEW DOOR.
3. SUPPLY AND INSTALL WALK OFF MAT(S). SEE DETAILS ON SHEET GI101.
4. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. INFILL WALL WITH METAL STUDS AND DRYWALL. ALIGN WITH EXISTING WALLS, PATCH, LEVEL AND FINISH TO MATCH EXISTING WALL FINISH.
5. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY FOR INSTALLATION OF NEW DOOR AND FRAME. PORTIONS OF EXISTING WALL TO BE DEMOLISHED TO RECEIVE NEW LARGER SIZE DOOR AND FRAME ASSEMBLY. PATCH ADJACENT WALLS TO MATCH ADJACENT CONDITIONS. RELOCATE ALL WALL MOUNTED ITEMS INCLUDING ROOM SIGNAGE, CHAIR RAILS, CORNER GUARDS AND WALL MOUNTED ADJACENT TO EXISTING CORRIDOR DOOR AND REINSTALL AT NEW DOOR LOCATION.
6. REMOVE EXISTING DOOR, FRAME AND HARDWARE. PREPARE WALL CONSTRUCTION AT OPENING FOR NEW FRAME.
7. REMOVE EXISTING CARPET AND REMOVE ALL ASSOCIATED ADHESIVE. PREP AND LEVEL EXISTING CONCRETE FLOOR TO RECEIVE NEW FINISH.
8. G.C. TO CAREFULLY REMOVE ALL CASEWORK AND PLUMBING FIXTURE. CAP SUPPLY AT MAINS TO PREVENT DEADLEGS.
9. INSTALL TEMPORARY FLAME RESISTANT CONSTRUCTION PANELS WITH DOOR ENTRY. BASIS OF DESIGN IS EDGE GUARD.
10. G.C. TO CAREFULLY REMOVE FURNITURE AND TURN OVER TO VA.
11. PREPARE AND LEVEL EXISTING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW SCHEDULED FLOOR FINISH.
12. REMOVE PARTITION IN ITS ENTIRETY. PATCH AS REQUIRED ADJACENT WALL TO REMAIN TO RECEIVE NEW CONSTRUCTION OF RATED WALL PARTITION.
13. PREPARE OPENING IN WALL FOR NEW FIRE EXTINGUISHER CABINET. SEE DETAIL 1/A-502.
14. PREPARE OPENING IN EXISTING PARTITION TO RECEIVE NEW DOOR AND FRAME. SEE DOOR SCHEDULE.
15. REMOVE EXISTING WINDOW ASSEMBLY IN ITS ENTIRETY. PREPARE OPENING FOR INFILL.
16. CARPET TO REMAIN OUTSIDE OF PERIMETER OF NEW INSTALLED PARTITIONS. PROTECT FROM DUST/DAMAGE.

(X) CEILING PLAN KEYNOTES

C1. CONTRACTOR TO PAINT UNDERSIDE OF DECK WHERE FIREPROOFING OR INSULATION ISN'T PRESENT BRIGHT WHITE. SEE ROOM FINISH SCHEDULE , FOR BID PURPOSES ASSUME ENTIRE CEILING PERIMETER IS TO BE PAINTED.
C2. INSTALL NEW CEILING GRID AND EDGE ANGLE. INSTALL NEW CEILING TILES TO MATCH EXISTING.

[X] DEMO CEILING KEYNOTES

D1. STRUCTURE IS FIRE PROTECTED. FIRE PROOFING MAY BE DISTURBED DURING DEMOLITION. PATCH ANY FIREPROOFING ON STEEL THAT IS MISSING.
D2. REMOVE EXISTING CEILING GRID TO EXTENT REQUIRED TO ACCOMMODATE NEW PARTITIONS.
D3. REMOVE LIGHT FIXTURE.
D4. SEE FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD MODIFICATIONS.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

SMOKE BARRIER — SMOKE BARRIER (EXISTING)
1 HR FIRE BARRIER — 1 HR FIRE BARRIER (EXISTING)
2 HR FIRE BARRIER — 2 HR FIRE BARRIER (EXISTING)

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP
LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURE - BUILDING 3 - FIRST FLOOR & ENLARGED PLANS

SHEET 79 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205
Building Number: 3
Drawing Number: A-03-101

VA FORM 08 - 6231

K:\CCG_PROJECTS\20181821 36C263190D044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B03-101.dwg
3/16/2022 9:53:06 AM

N 1 BUILDING 10 - MEZZANINE DEMOLITION FLOOR PLAN
1/8"=1'-0"
0 2' 4' 8' 16'

N 2 BUILDING 10 - MEZZANINE FLOOR PLAN
1/8"=1'-0"
0 2' 4' 8' 16'

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.

[X] DEMOLITION PLAN KEYNOTES

1. REMOVE EXISTING WALL MOUNTED SERVER RACK.

(X) FLOOR PLAN KEYNOTES

1. INSTALL FLOOR MOUNTED EMCORE UNIT. SEE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION INCLUDING MOUNTING INFORMATION.
2. PROVIDE AND INSTALL BRACKET MOUNTED FIRE EXTINGUISHER CABINET MOUNTED 48" A.F.F. TO CENTERLINE OF HANDLE.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- SMOKE BARRIER
- 1 HR FIRE BARRIER
- 2 HR FIRE BARRIER
- SMOKE BARRIER (EXISTING)
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER (EXISTING)

FLOOR PLAN LEGEND

(X) DENOTES SIGNAGE LOCATION

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www. bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT
JOHN ELGIN ROBERTS
3028
DATE 03/18/2022
STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 10 - FIRST FLOOR PLANS

SHEET 80 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

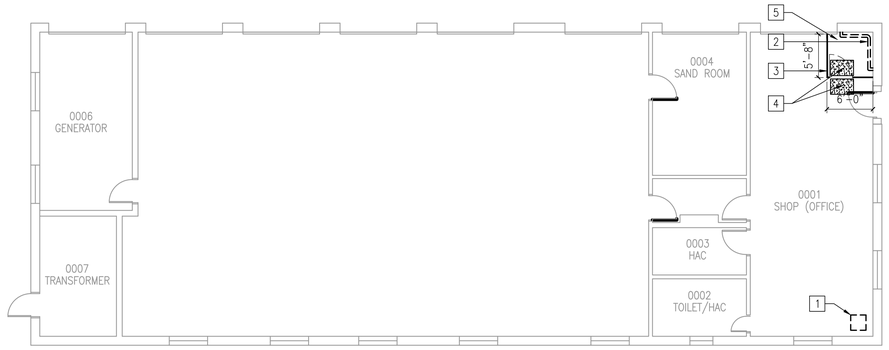
Project Number: 437-21-205

Building Number: 10

Drawing Number: A-10-101

K:\CCG_PROJECTS\2018-18-121 36C26318D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORK\NGSA-B10-101.dwg 3/18/2022 9:53:22 AM

VA FORM 08 - 6231



N

1 BUILDING 11 - FIRST FLOOR DEMOLITION PLAN

1/8"=1'-0"

0 2' 4' 8' 16'

N

2 BUILDING 11 - FIRST FLOOR PLAN

1/8"=1'-0"

0 2' 4' 8' 16'

GENERAL NOTES

A. FOR GENERAL NOTES AND LEGENDS REFER TO SHEET A001.
B. FOR GENERAL INFECTION CONTROL NOTES AND DETAILS REFER TO SHEET GI101.
C. FOR FINISH SCHEDULE REFER TO SHEET AF-601.
D. EXISTING IT/TR/OI&T ROOMS TO REMAIN ACTIVE DURING CONSTRUCTION. G.C. TO PROTECT EQUIPMENT DURING CONSTRUCTION WITH VISQUEEN. CONTRACTOR TO ENSURE CONTINUOUS OPERATION OF EQUIPMENT.
E. NOT ALL KEY NOTES APPLY TO ALL PLAN SHEETS. G.C. TO APPLY ONLY AS INDICATED PER EACH SHEET.
F. MAINTAIN A 4 ' - 0" CLEAR PATH OF TRAVEL IN THE CORRIDORS AT ALL TIMES.
G. ALL WORK TO BE PERFORMED AS PART OF TR MODIFICATION SHALL BE CONSIDERED AS TYPE IV AND FOLLOW "INFECTION CONTROL PRECAUTIONS FOR CLASS IV" ON SHEET GI101.
H. APPLY FIRE RATED SEALANT TO ALL EXISTING AND NEW PENETRATIONS IN EXISTING WALLS TO MAKE EXISTING WALLS A 1 HR ASSEMBLY. BASIS OF DESIGN FOR 1 HR WALL IS UL 419 ASSEMBLY.

X DEMOLITION PLAN KEYNOTES

1. REMOVE EXISTING WALL MOUNTED SERVER RACK.
2. RELOCATE EXISTING UTILITIY PIPING AS REQUIRED TO ACCOMIDATE NEW SERVER RACK. COORDINATE FINAL LOCATIONS WITH VA/COR.
3. PROVIDE AND INSTALL VISQUEEN TYPE PLASTIC SHEET AND ZIPPER DOOR AS REQUIRED TO MAINTAIN TYPE IV INFECTION CONTROL PRECAUTIONS. EXTEND AND SEAL TO ROOF DECK/STRUCTURE ABOVE.
4. SUPLLY AND INSTALL WALK OFF MATS.
5. PROTECT EXISTING FINISHES FROM DUST AND DAMAGE.

X FLOOR PLAN KEYNOTES

1. PROVIDE AND INSTALL FLOOR MOUNTED TELECOMMUNICATIONS ENCLOSURE (TE). SEE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.
2. PROVIDE AND INSTALL BRACKET MOUNTED EXTINGUISHER. MOUNT AT 48" A.F.F. TO CENTERLINE OF HANDLE.
3. PAINT WALL AND PIPING FULL HEIGHT TO EXTENTS SHOWN AT CONCLUSION OF INSTALLATIONS OF SERVER RACK AND RELOCATED UTILITIES.

RATED PARTITION LEGEND

CONTRACTOR IS REQUIRED TO MAINTAIN ALL RATED PARTITIONS.

- SMOKE BARRIER
- 1 HR FIRE BARRIER
- 2 HR FIRE BARRIER
- SMOKE BARRIER (EXISTING)
- 1 HR FIRE BARRIER (EXISTING)
- 2 HR FIRE BARRIER (EXISTING)

FLOOR PLAN LEGEND

X DENOTES SIGNAGE LOCATION

ISSUE FOR BID	03-18-22
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

BANCROFT ARCHITECTS + ENGINEERS
3300 Dundee RD.
Northbrook, IL 60062
T: 847.952.9362
www.bancroft-ae.com
Bancroft Project No: 18-121

STAMP

LICENSED ARCHITECT JOHN ELGIN ROBERTS 3028 DATE 03/18/2022 STATE OF NORTH DAKOTA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL - BUILDING 11 - FIRST FLOOR PLANS

SHEET 81 OF 279

Phase: ISSUE FOR BID

Project Title: EHRM INFRASTRUCTURE UPGRADES

Location: FARGO VA HEALTH CARE SYSTEM

Issue Date: 3/18/2022 | Checked: DA | Drawn: JM

Project Number: 437-21-205

Building Number: 11

Drawing Number: A-11-101

K:\CCG_PROJECTS\2018\18-121 36C263195D0044 VISN 23 IDIQ (North Dakota + Iowa)\437-21-205 EHRM Fargo, ND\400- DesDocs\402- Drawings\WORKING\A-B11-101.dwg 3/14/2022 3:04:30 PM

VA FORM 08 - 6231